

Running like a girl

Dr. Linda Trimble dissects media coverage of women in politics.

4

It's fair, but is it good?

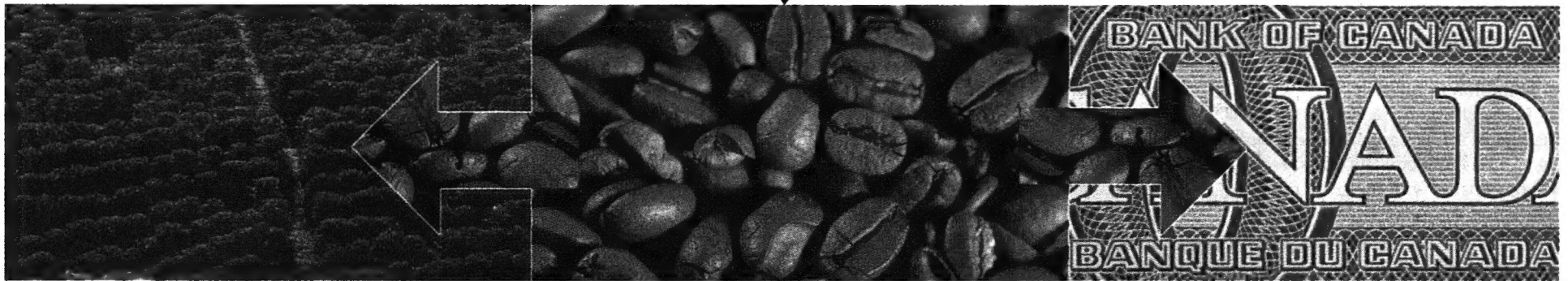
Students conducting research on fair trade coffee say you're willing to pay more for your morning pick-me-up if it supports a just cause.

3

Technicians are tops

The Nat Rutter Award recognizes the efforts of three top technicians.

7



UNIVERSITY OF ALBERTA

folio

Volume 41 Issue 16

APRIL 30, 2004

<http://www.ualberta.ca/folio>

Newell elected as chancellor

Former board chair returns to campus for four-year term

By Geoff McMaster

Former University of Alberta board chair Eric Newell has been named the university's new chancellor.

Starting in June, Newell will assume the role of titular head of the university, taking over from local developer John Ferguson, who held the position for four years. As chair of the senate, the chancellor represents the university at all ceremonial occasions, presides over convocation to confer all degrees and acts as liaison between the U of A and the community.

"I'm happy – it's a wonderful day," Newell said at a press conference held to announce the appointment. Stressing that he regards education funding as the number-one public investment priority, "even ahead of health care," he added he'd like to see a greater participation by aboriginal youth in the post-secondary education system.

"By the year 2015, one in five youths will be aboriginal," he said, pointing out that the aboriginal birth rate is three times higher than it is for non-aboriginals in Canada. "We have to have a lot more inclusive approach so that these young people can benefit and then as a society we benefit."

"By the year 2015, one in five youths will be aboriginal. We have to have a lot more inclusive approach so that these young people can benefit and then as a society we benefit."

– Eric Newell



Eric Newell, former board chair and retired chief executive officer and chairman of Syncrude Canada Ltd., has been elected to a four-year term as chancellor.

He also cited access to university education as one of his primary areas of concern: "This is not a university for the elite and we would not be well served if we ever tried to take it that way."

Now retired, Newell has had a long career in the oil business, most recently as chief executive officer and chairman of Syncrude Canada Ltd., the world's

largest producer of crude oil from oil sand. Under his leadership, the company became a central player in the economy of Western Canada, known for its dedication to reliable operation, environmental efficiency and social responsibility.

One of Syncrude's most celebrated programs is an initiative providing employment opportunities to aboriginals,

making it the largest employer of that group in Canada.

Newell is well known for his efforts to champion corporate responsibility and to strengthen partnerships between education and business. He served on the U of A's Board of Governors for six years from 1996 - 2002, serving as board chair for the last four years. He is an Officer of the Order of Canada and has honorary degrees from the universities of Alberta and British Columbia and Athabasca University.

He currently serves as chairman of Careers: The Next Generation Foundation, director of Nexen Inc., Canfor Corporation and Terasen Inc., and policy advisor to The Learning Partnership. He holds a masters of science in management studies from the University of Birmingham, England, and a bachelor of applied science in engineering from the University of British Columbia.

Ferguson, who had worked with Newell on the Board of Governors, said the university made the right choice in selecting his successor.

"I'm thrilled that Eric, who is truly a champion of education, has been chosen," said Ferguson in announcing Newell's appointment. "He's an outstanding Canadian in many areas . . . and is a totally committed person to education."

Newell was elected the university's 18th chancellor by the senate in a private vote. The senate is an independent, 62-member advisory body of community leaders that examines, fosters and celebrates the diversity and excellence of the University of Alberta. ■

AN EVENING OF FINE DINING, MUSIC, ART & PURPOSE.
LOCAL ARTISTS HAVE UNITED TO CREATE WORKS OF ART WHICH WILL BE OFFERED THROUGH A SILENT AUCTION.

art of living

a celebration of life

HIV VUE
EDMONTON WEEKLY

SATURDAY JUNE 5, 2004
HOTEL MACDONALD, EMPIRE BALLROOM

DOORS OPEN AT 6:00 pm
DINNER AT 7:30 pm
TICKETS \$150.00 ea.

PROCEEDS FROM THIS FORMAL DRESS BENEFIT WILL SUPPORT
THE PROGRAMS AND SERVICES OF HIV EDMONTON.
FOR TICKETS contact PAULA at 780.408.5742

CFI supports research projects

\$1 million from New Opportunities Fund goes to U of A

By Bev Betkowski

Seven unique research projects at the University of Alberta have been awarded \$1 million in funding.

Research conducted in the U of A's faculties of science, medicine, engineering and physical education and recreation will be boosted with the grant money, announced this week by the Canada Foundation for Innovation (CFI) under its New Opportunities Fund.

The funds are good news for the U of A and important to attracting new brain-power and leading-edge researchers, said Dr. Bill McBlain, senior associate vice-president of research.

"These awards reflect the talent and skills of the scholars who have successfully applied for these competitive partner funds," McBlain said. "They are also a tribute to the attractiveness of the university and its outstanding opportunities for collaborations with its current world-class researchers and research teams."

"The CFI funds will bolster labs at the U of A to keep research rolling along, although the needed matching provincial partner funds have yet to be announced."

The \$171,974 Dr. Markus Stein is receiving will help buy needed equipment to further his research into a bacteria associated with gastric diseases like peptic ulcers and stomach cancer. The funds will help purchase equipment, including a pro-

tein purification system and an inverted fluorescent microscope, to help explore virulence factors in the bacteria.

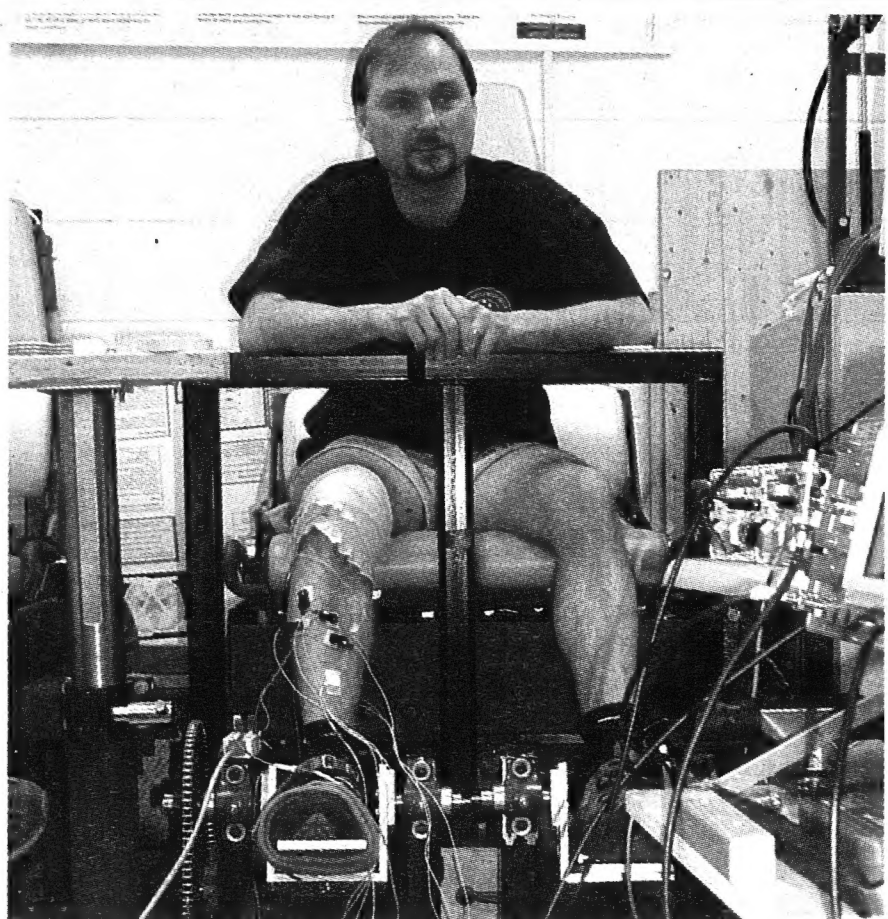
"A lot of my equipment depends on obtaining this CFI money," said Stein, a professor in the Department of Medical Microbiology and Immunology. "Without it I couldn't purchase important things."

Dr. David Collins runs a neurophysiology lab in the Faculty of Physical Education and Recreation and receives \$81,266 to help purchase equipment needed to further his research into restoring limb movement.

"The long-term goal is to figure out how the nervous system works normally. And when we identify that, we can identify what goes wrong, and then we might be able to use things like electrical stimulation to restore lost functions of the nervous system," Collins said.

Other funding includes: \$200,000 to Dr. Andrew Simmonds of the Faculty of Science for work with cell biology; \$198,922 to oncologist Dr. Gordon Chan to buy a state-of-the-art microscope to aid in studying cancer cells; \$170,716 to Dr. Vincent Gaudet in the Faculty of Engineering for analog and mixed-signal testing of high-speed communications integrated circuits; \$122,964 to Dr. Yu Gu of the Faculty of Science for seismology research; and \$54,241 to Dr. Christopher Herd, also in the Faculty of Science, to help operate a lab for comparative planetology.

The \$1 million awarded to the U of A is part of \$29.9 million the CFI awarded to 33 universities across Canada.



Dr. David Collins, seen here in his neurophysiology lab, will use his CFI award to further his research into restoring limb movement.

"These awards represent a strategic boost to the research capabilities of these universities," said Carmen Charette, interim president and CEO of the CFI.

"They will help ensure that researchers and graduate students at the University of Alberta have access to a world-class facility and training environment." ■

folio

Volume 41 Number 16

OFFICE OF THE VICE PRESIDENT
(EXTERNAL RELATIONS)
OFFICE OF PUBLIC AFFAIRS,
6TH FLOOR GENERAL SERVICES BUILDING
UNIVERSITY OF ALBERTA,
EDMONTON, ALBERTA T6G 2H1

LEE ELLIOTT: Director,
Office of Public Affairs

RICHARD CAIRNEY: Editor

GEOFF MCMASTER: Assistant Editor

CONTRIBUTORS:

Shawn Benbow, Bev Betkowski, Richard Cairney,
Caitlin Crawshaw, Phoebe Dey, Geoff McMaster,
Chris Smith, Linda Trimble

GRAPHIC DESIGN:

Penny Snell, Allison Young

Folio's mandate is to serve as a credible news source for the University community by communicating accurate and timely information about issues, programs, people and events and by serving as a forum for discussion and debate.

Folio is published 19 times per year.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in *Folio* do not necessarily reflect University policy. *Folio* contents may be printed with acknowledgement.

Inquiries,
comments and letters should be directed to Richard Cairney, editor, 492-0439
richard.cairney@ualberta.ca

Display advertising

Deadline: Thursday 3 p.m. one week prior to publication
Bonnie Lopushinsky, 417-3464
bl5@ualberta.ca

Classified Ads

Deadline: Thursday 3 p.m. one week prior to publication
Cora Doucette, 492-2325

Talks and Events

Deadline: Thursday 3 p.m. one week prior to publication
cora.doucette@ualberta.ca

Enter events online at

<http://www.uofaweb.ualberta.ca/events/submit.cfm>

ISSN 0015-5764 Copyright 2004



The University of Alberta maintains a database of all alumni. This database is used to send you news about the U of A, including *Folio* and *New Trail*, invitations to special events and requests for support. On Sept. 1, 1999, post-secondary institutions were required to comply with the Freedom of Information and Protection of Privacy legislation of the province of Alberta. In accordance with this legislation, please respond to one of the following options:

- ☐ Please keep my name, or
☐ Remove my name from the *Folio* list.

Signature _____

No response means the University of Alberta assumes an individual wishes to remain on the mailing list.

CN donates \$1 million to U of A

Law and Business will share award

By Geoff McMaster

CN has donated \$1 million to the Faculty of Law and School of Business at the University of Alberta to foster a deeper understanding of Canada-U.S. trade relations.

Split evenly between the faculty and school, the money will be used to set up a Faculty of Law CN Professorship in International Trade and a program of research and public debate on trade issues in the business school's Western Centre for Economic Research.

"The greatest significant change in the practice of law over the past two decades has been internationalization," said dean of Law David Percy. "Canadian people, law-

yers and businesses are hugely affected by international trade concerns today.

"If we just think of all of the issues in Western Canada today – the softwood lumber dispute, the beef dispute, issues over alleged subsidization of Canadian wheat entering the United States market – every one of those involves questions of international trade law."

Percy said the gift is "hugely exciting," because the faculty had identified international trade law two years ago as an area in which it needed more expertise. The faculty will likely hire someone next year to fill the professorship, he added.

Dean of business Dr. Mike Percy said

the funds will support "ongoing work we're doing on Canada-U.S. trade linkages and prospects...to help grow the Western Centre and expand its focus to a wider array of relations beyond those on trade, such as resource management."

CN has itself identified cross-border trade as an area of vital interest in its own day-to-day business, which is the reason it selected the U of A for its donation. CN chairman David McLean pointed out that since 56 per cent of his company's revenue is generated from moving traffic in the U.S. or across the Canada-U.S. border, the U of A's focus on north-south trade was "an excellent fit." ■

New long-distance code will reduce false alarms

University plan clears up 911 conundrum

By Richard Cairney

After hundreds of false calls were made to the city's 911 emergency line, the university has changed the way long-distance calls are made.

Previously, callers were required to dial 116, enter their authorization code, then dial 9 and place the long-distance call. Problems arose when callers dialled 9 first, then pressed 116. The result was a 911 call to the city's emergency centre because you aren't required to dial 9 in order to make a 911 call.

"People were getting things mixed up and those calls were registering as emergency calls," said Penny Slevinsky, a telecommunications analyst with CNS. "I think there were about 500 of these calls between January and March alone."

Campus Security Services operations manager Al Belanger said the mix-ups created headaches for city emergency workers and Campus Security.

"Sometimes we'd get 10 or 20 of these

calls in a day, and that takes up a lot of time and manpower," said Belanger.

When a 911 call is made from campus, Campus Security is made aware that a call is being made, but has no way of knowing the nature of the call.

"What happens is Edmonton Police Service does a screening process... and usually after that they give us a call and say they received a 911 call from this area, but more often than not it is a misdialled 911 call," said Belanger. "That is the case about 95 per cent of the time. It has been just non-stop."

But effective May 3, the long distance code will change to 626. Now, in order to place a long distance call or fax to anywhere in Canada, the U.S. or the Caribbean, callers need to dial 626, enter their authorization code, then press 9, followed by 1 and the area code and phone number they are dialling.

Belanger says the change can only

improve things. Even with all the false alarms,

"We can't get complacent and we still have to find out what's going on," but under the new system, he predicts, there may be a little more certainty about what constitutes an emergency.

For complete dialling instructions visit www.ualberta.ca/CNS/telecom/index.html. ■

ExpressNews

U of A news every weekday...

on the Web...

www.ualberta.ca/ExpressNews/

Would you spare a dime for a cup of (fair trade) coffee?

Student research project shows most of us would pay extra

By Caitlin Crawshaw

For the thousands of coffee drinkers on campus there are similar numbers of farmers whose coffee beans are ultimately brewed into the Java we enjoy. Sure, we all know who Juan Valdez is, but few of us stop and give serious consideration to the origins of our morning pick-me-up. The fair trade movement is striving to remind people worldwide that, like many industries based in the developing world, the specialty coffee industry has been perpetuating unfair trading practices with poor farmers in less prosperous countries like Indonesia and Nicaragua.

As a result of the movement, fair trade coffee has begun to gain popularity over the last few years, not only internationally but also here on the University of Alberta campus. In SUB for instance, the Students' Union requires all coffee vendors to offer fair trade coffee, in an effort to support the movement. And many coffee shops in the Edmonton community, such as Old Strathcona's 28-year-old coffee veteran Java Jive have begun to carry fairly traded coffees. In fact, even the ever-growing coffee giant Starbucks has caught on to the trend.

Interestingly, while fair trade coffees are not marketed as organic or environmentally friendly products, most fair trade coffees are grown without pesticides, herbicides or fertilizers, as farmers cannot afford these growing techniques. Instead, traditional shade trees are used, providing shade for the coffee plants and a habitat for birds, which eat the insects off the coffee plants. Shade leaves are also used sometimes to nourish the soil, instead of harsh fertilizers.

Fair trade coffee is a fascinating topic for U of A rural economy professor Dr. Peter Boxall, whose Environmental Conservation class is currently completing a study regarding the sale of fair trade coffee on campus.

The idea, he says, emerged from casual conversation with some of his colleagues, all regular coffee drinkers at SUB. Noticing that the newly established Cram Dunk served only fair trade coffee, and observing a fair trade sign at Java Jive, the discussion turned to fair trade coffee.

"Of course, fair trade coffee is coffee that is produced by small co-operatives in the Third World and the question always arises as to its quality. Some of the skeptics around the table thought that the quality of the fair trade coffee would not be up to snuff and we thought, 'wouldn't it be cool to do an experiment with coffee drinkers and coffee to see if this thing would make sense?'" he said.

Furthermore, Boxall says, there's a growing body of literature in economics that suggests in a theoretical sense (determined by surveys) coffee drinkers would be willing to pay more for fair trade coffee in a real market scenario. Fair trade coffee, which guarantees producers a fair price for their coffee, is generally sold at a higher cost than conventional blends in specialty coffee shops.

Boxall put his Environmental Conservation students to work on the three-part study, in collaboration with Nutrition and Food Science students, and Java Jive.

In the first experiment, Boxall's class sought to verify the hypothetical willingness to pay for a socially responsible good (in this case, coffee). To do this, the SUB Java Jive outlet allowed the prices of the fair trade and non-fair trade coffee to be altered over the course of six mornings,



You can't tell by looking, and maybe the taste isn't a give away. But fair trade coffee is growing in popularity among consumers who want their purchases to help the little guy.

since the retailer normally sells all blends at the same price.

"Students would intercept someone who bought a cup of coffee, and they would do a little short questionnaire and ask them questions about what faculty they were in, whether they were a student... did you know about fair trade coffee, things like that," Boxall explained.

"That allowed us to build a statistical model, and we were able to show that those who buy fair trade coffee are far less sensitive to price. In other words, if the price of fair trade coffee goes up, they won't switch."

In the second experiment, students collaborated with the Nutritional Food Science class to design and execute a taste test to determine whether there was a noticeable taste difference between fair and non-fair trade coffees.

For the 32 taste testers of medium-roast fair trade and non-fair trade blends, students rated the fair trade 6.07 on a nine-point scale, and Colombian 5.6 on average. When taste testers were told which was which, their ratings of both improved, but fair trade coffee was still preferred over its conventional counterpart.

But when dark roast fair trade and non-fair trade blends were tested, there was no statistically significant difference in the ratings of the 29 taste test volunteers.

Finally, an e-mail survey was given to

those who'd been interviewed at Java Jive, in which participants were asked questions similar to those asked of taste test participants. The results are still being analyzed, and will be presented along with all of the results on April 30 (after Folio's press deadline) by all of the students involved.

"From a marketing point of view, it's the first time I've seen at least, that we have evidence that the hypothetical willingness to pay that we measure in surveys is actually there in a real market setting," Boxall said. "Economists like to use 'revealed' preferences rather than what they call 'stated' preferences, because anyone will say anything on a survey. Because a survey can mislead you in a way to answer a question that the respondent thinks you want answered in a particular way."

But Java Jive owner Michael Ould stresses that the study results may not be reproduced at other coffee shops.

"It doesn't represent all fair trade coffee, it represents the ones that we carry," explained Ould, who says his concept of fair trade and that of other coffee vendors differ. He argues that as a result, his fair trade may be a higher quality than others.

While most coffee roasters buy fair trade coffee through a third-party certification agency called Transfair, Ould decided five years ago to buy directly from a co-operative in Nicaragua.

"The farmer that was doing sustainable

coffee practices and basically shade-growing coffee, not using fertilizers or pesticides or things like this, his product is grouped with others that weren't. When we were looking at fair trade coffees and samples of coffee, we were not impressed with the quality of the product and the consistency of the product," Ould said of Transfair-certified co-operatives.

And because certified fair trade coffee requires an additional charge on each pound of coffee to cover Transfair's organizational expenses, Ould prefers to see that money in the pockets of farmers. While the fair trade price guarantees farmers \$1.65 Canadian per pound, Ould's company pays farmers 70 per cent more, he claims. "And 100 per cent goes to the farmer."

Ould warns that the movement may be becoming trendy and may not be sustainable.

"That's one of the things that you have to be careful about with these movements, and it's one of the fears that I've had, is that it just becomes another logo, another catch phrase," he said. Ould emphasized that the treatment of farmers worldwide is part of a larger problem related to modern-day consumerism.

"It's only the tip of the iceberg, and if you can do one small thing to bring people's attention to the issue, the more power to you. It's a big problem. It's not localized, and it's not just coffee. It's just the whole way we live in this world today, and how we have our priorities mixed up, and how susceptible we are to influences," he said.

In Ould's view, specialty coffee is becoming more of an image than a product. He attributes the popularity of "four-dollar cappuccinos" to Starbucks' mass marketing achievements. In fact, he suggests that companies like Starbucks may be using fair trade coffee as part of their marketing scheme, to help foster a certain corporate image.

However he stressed that because the movement is drawing attention to the plight of farmers worldwide, the fair trade movement has caused some good changes. But Ould hopes that the fair trade trend will rub off on other industries.

"Maybe Nike's listening," he laughed.

Student Nick Osuteye, who participated in the design and execution of the study, is optimistic that this will be the case. He explains that farmers in the European Union, as well as those in the developing world, are now pushing for fair prices for their goods.

"The whole concept of a fair return on agricultural goods is beginning to catch on. And when you look at fair trade being done with chocolate, it moved on with coffee, and now it's begun to branch out into more goods." ■

FURTHER READING

Follow these Internet links to learn more about fair trade coffee:

Oxfam America's fair trade coffee website:

<http://www.oxfamamerica.org/campaigncoffee/art3391.html>

TransFair, Canada's independent certification organization for fair trade coffee, tea, cocoa and sugar:

www.transfair.ca

The human rights organization Global Exchange's fair trade website:

<http://www.globalexchange.org/campaigns/fairtrade/coffee/index.html>

The Equal Exchange website:

<http://www.equalexchange.com/>

Who framed Belinda Stronach?

Media dodges politics in coverage of women in Canadian politics

By Linda Trimble

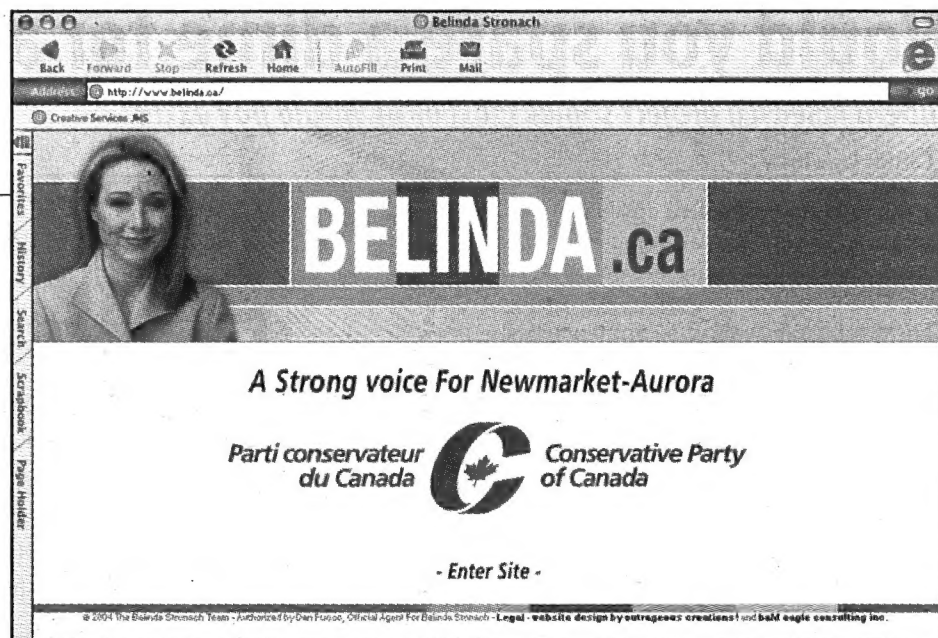
"Strikingly attractive", "telegenic", "photogenic", "young blonde looker", "bodacious good looks", "dishy blonde", "hot babe", "sexy" and "better than Viagra". One might assume that these are tag lines from the latest Sports Illustrated swimsuit issue. Think again; the comments were made by national newspaper columnists about Belinda Stronach, the former CEO of Magna International, as she sought the leadership of the new Conservative party. Her leadership aspirations were ridiculed, her qualifications trivialized, her motivations questioned. Notwithstanding her well-financed campaign and high-profile supporters, Stronach was labelled a "cardboard cut-out" a "paper doll to please the boys" a "Stepford political candidate" and a "heavily scripted political neophyte".

Now, it was entirely appropriate for journalists to discuss Stronach's political inexperience and unilingualism, and to ask hard questions about whether or not her business background lends her the skills necessary to lead a national political party. But coverage of Belinda Stronach crossed the line from reasoned assessments of her political ability to highly personalized and gratuitous observations about her looks, sex life, marital history and designer clothes. Unfortunately, this is typical of media treatment of women in politics. In the 1960s and 1970s, women politicians such as Flora MacDonald and Judy LaMarsh were actually asked by reporters "are you a woman or a politician?". These are no longer regarded as

mutually exclusive options, but the news media persist in reminding us that women politicians are women first, politicians second. Many studies have confirmed the media predilection to highlight female politicians' femininity (thus their difference from the norm) by focusing on their looks, wardrobe, domestic tasks, children and marital status. Women politicians' hats were a hot topic for reporters in the 1960s and 1970s. Clothing remains a focus. A lengthy story about Belinda Stronach's wardrobe appeared in the style section of the *Globe and Mail* during the Conservative leadership campaign. Even high-ranking female civil servants are subjected to the newspaper version of *What Not to Wear*. An article in the *New York Times* on April 18 about Canada's Auditor General revealed: "At 53, Ms. Fraser wears little jewellery or makeup, and selects serviceable grey suits and sensible shoes."

Male politicians are not immune from attention to their looks, but they receive far less of it. For example, I conducted an analysis of all of the articles about the Conservative party's leadership race in Canada's two national newspapers, the *Globe and Mail* and the *National Post*, examining 258 articles altogether. I found that 33 per cent of the articles mentioning Stronach made reference to her clothing or appearance. In contrast, only one per cent of the stories talked about Stephen Harper's looks, and three per cent mentioned Tony Clement's appearance.

Despite their growing role as legislators, women continue to be described by



Media coverage of Belinda Stronach's political career has looked more closely at image than substance.

the media as political outsiders and interlopers. This is not so much a conscious media strategy as an outcome of typical media framing of politics. News media use what communications scholars call a game frame to describe political events. This framing device is replete with the language of sports and military combat. Elections are described as wars, party leaders' debates are boxing matches, and leadership contests are 100-metre dashes. Here's a superb example, an excerpt from a Feb. 23, 2004, *National Post* column assessing the debate performances of the Conservative leadership hopefuls:

[The debate consisted of]...Stephen Harper, Belinda Stronach and Tony Clement staggering around the ring, trying not to throw any punches....Harper was most convincing when he trained his sights on Paul Martin and when he was forced to parry the occasional thrust... He even drew blood from Clement....Clement

was temporarily unmanned when Harper pointed out that he was the only candidate on the stage who'd won the last election... Stronach did not let herself down...

When a reporter describes a leader's debate as if it were the heavyweight championship, is it any surprise that the lone female candidate is not really considered part of the fight? Nice girls don't punch, kick or yell; such behaviours challenge traditional gender roles and expectations about femininity. Yet political actors who refuse to engage in aggressive discourse are largely ignored by the media, "sidelined" in the manner of the hockey player warming the bench. As a result, the overriding message is that politics is a game best played by men. ■

(Linda Trimble is a University of Alberta professor of Political Science and co-author of the book *Still Counting: Women in Politics Across Canada*.)

folio letters to the editor

New parking rate increase will only lead to stronger demand for pay hikes

Editor, *Folio*

While the University of Alberta Board of Governors has approved another parking fee increase (*Folio*, April 2, 2004), there appears to be significantly less fanfare than that associated with the last increase approved on November 1, 2002 and which went into effect on April 1, 2003. While faced with an exorbitant 40-per-cent increase (for the multi-level parkades) in the last go-round, another \$5 across-the-board increase will take effect on September 1, 2004, less than a year and a half from the previous increase. This represents another staggering seven-per-cent increase.

It is difficult to understand why this round of increases has not been met with the same amount of opposition as the previous one. It could be the board's strategic timing in announcing the increases at the tail end of the academic year or simply the fact that the increase does not represent quite the same impact as a 40-per-cent increase. However, the two increases within the span of a year and a half are seri-

ously eroding the earning power of staff members as these increases cut into the after-tax dollar. Provost and Vice President (Academic) Dr. Carl Amrhein was quoted as saying that the rate structure is in the range of the cost for private lots in the area. Is this a fair comparison? Is the university in the parking business? Does the university need to make a profit in the manner that a private lot owner needs to profit in order to maintain that business?

One need only look at the vast amount of employers that provide parking facilities for staff without charge. These lots would also involve a capital cost plus ongoing maintenance yet the employer recognizes it as an employee benefit and absorbs that cost in many cases. It appears that the university has taken the position that it needs to profit from its employees by competing with private lot owners. There would be nothing wrong with such a strategy if it applied only to users outside the university but such is not the case.

Approximately two months after NASA ratified agreements with the univer-

sity, obtaining increases of four per cent for each of three years, the university imposed a 40-per-cent parking fee increase, further supplemented now by an additional seven-per-cent increase. When you factor in the Public Service Pension Plan increase that went into effect on September 1, 2003, which ostensibly was for the purpose of offsetting the weak investment market (at a time when the market was rebounding), the impact upon the employee is severe.

The positive note to this entire scenario is that in the last year of the current contract, NASA will now be able to take advantage of the university's generosity in doling out increases to extract the best-ever wage packet for its membership.

Steve Podkowka
University of Alberta
Insurance & Risk Analyst
Financial Services

folio letters to the editor

Folio welcomes letters to the editor. Send your thoughts and opinions via e-mail to richard.cairney@ualberta.ca, fax at 492-2997, or by mail to *Folio*, Office of Public Affairs, 6th Floor General Services Building, Edmonton, Alberta T6G 2H1. Letters may be edited for grammar, style, accuracy and length.

The tradition continues

Sports Wall of Fame inductees reach remarkable heights

Yesterday's student athletes are truly today's leaders. The 2004 Sports Wall of Fame Dinner will recognize the contributions of five outstanding athletes and builders of university sport, and their contributions to the greater community. This year's inductees represent the diverse, talented, individuals who have played critical roles in the successes of the University of Alberta's athletic programs and Faculty of Physical Education and Recreation.

This year's dinner is being held at the Shaw Conference Centre May 25. Learn more about the dinner at www.physedandrec.ualberta.ca/swof.cfm. To purchase tickets, call 492-3893.

JOYCE CUTTS (NEE MATTSON) (BPE 1954), DIP ED (1972 U OF LONDON)

Joyce Cutts was an accomplished athlete before she attended the University of Alberta. Growing up in Medicine Hat, she was a member of the Medicine Hat Senior Ladies 1946 provincial championship team. In 1950 Joyce came to the U of A and, until 1953, was a member of the Pandas basketball team. She also won a position on the 1953-54 Pandas volleyball team and competed in badminton, swimming, and track and field.

For three years, from 2000 – 2003, she won the Ladies Tomoka Oaks championship in Daytona, Fla., as well as the Sr. Women's golf championship in the Niagara District of Ontario.

It was tennis, however, where Joyce shone brightest. In 1990 she was the Canadian Ladies Doubles Over-55 champion. She took the Ladies Doubles Canadian gold medal in 2000 and 2002 in the Over-65 group. In 2002, she moved up to the Over-70 group and won the gold medal in Ladies Doubles and bronze in the singles. In 2003, Joyce won gold in singles in the Ontario Over-70 tennis championships. She made Canada's Over-70 International team and competed at the World Tennis Federation Tournament and the International Tennis Championship Althea Gibson Tournament in 2003.

In 2002, Joyce returned to the world of softball only this time in the Slow-Pitch form. Her Over-65 team won the gold medal at the Michigan Senior Olympics competition and placed second in 2003.

STACEY WAKABAYASHI (BED 1989)

During the five years Stacey played hockey for the University of Alberta Golden Bears he was a dominant force in Canadian university hockey. He developed his skills as a youth playing hockey in the B.C. interior. By the age of 14 he had been identified as one of his province's most talented players and was invited to attend special development programs. It was at one of these camps that Stacey met coach Clare Drake. In 1984 Stacey decided to attend the U of A.

Stacey had what coaches call "soft-hands", the ability to see open ice and the great acceleration to get into it. Stacey became the team's all-time leading scorer for the team and the Canada West division. He scored 107 goals and 143 assists for 250 points in 121 games.

Stacey ranks first among all Golden Bear players in career points, goals, assists, short-handed goals (14), game-winning goals (21); and ranks second in power-play goals (49) and hat tricks (9). In his last season of play, Stacey set a Golden Bear record for most goals, with 49.

During the five years Stacey played for the Bears, the team participated in the CIAU national championships four times, winning the championships in 1986. He played on Canada's gold-medal winning Spengler Cup team in 1987.

Today, Stacey coaches minor hockey, teaches at hockey schools, maintains community rinks where children improve their skating and hockey skills, and supports his own children's sporting endeavours.

H. J. (HERB) McLACHLIN BSC (MCGILL 1948), MSC (U OF WASH. 1952), PHD (U OF OREGON 1969)

After Herb McLachlin completed his degree at McGill University he was invited by Dr. Maury Van Vliet to join his growing staff in the Department of Physical Education at the University of Alberta.

As a professor, associate dean (1964-1975), and dean of the Faculty of Physical



Stacey Wakabayashi in full flight.

Education and Recreation (1975-1981) he has touched the lives of thousands of student athletes. Herb and his colleagues stressed the importance of academic excellence over athletic prowess and the foundation of this philosophy remains a cornerstone of athletic programs at the U of A. Herb cemented these beliefs as a coach.

For 45 years he has served as a statistician for the Edmonton Eskimos of the Canadian Football League. His contribution to the development of high school, college, university and senior amateur basketball included the founding of the Edmonton and Alberta Officials Associations and presidency of its national affiliate.

He was a founder of the Edmonton Olympic Track and Field club, an executive member of the Alberta Amateur Athletic Union, and twice a member of the Canadian Olympic Track and Field Team Selection Committee (1956 and 1960).

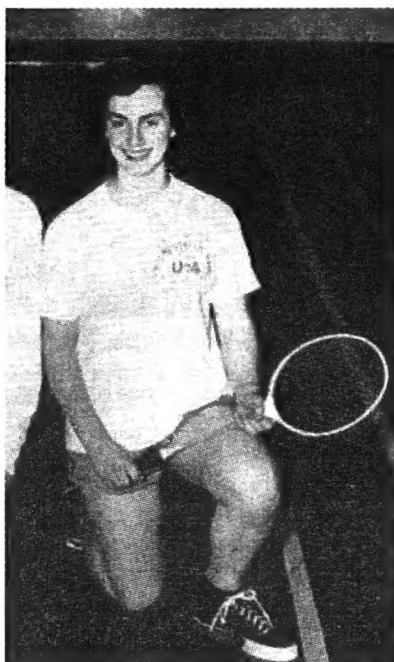
LORNE SAWULA (BPE 1967, MA 1969, PHD 1976)

This Sports Wall of Fame inductee is generally known as "Dr. Sawula" but for many he is called "Dr. Volleyball" for he has been called upon regularly to diagnose and prescribe treatment for volleyball programs across the country and around the world.

Lorne entered the University of Alberta in 1964 and won a spot on the Golden Bears volleyball team until 1969. During these years, the Bears won the WCIAA championship in 1965 and were silver medalists in 1967 and 1968. He earned a spot on Alberta's Canada Games team in 1967. After a brief time away from the University of Alberta Lorne returned to coach the Golden Bears for the 1971 - 1973 seasons.

For the next two decades, Lorne travelled around the world and was lured back to the U of A in 1993, as assistant coach of the team which, in 1994-1995, won a silver medal at the national finals. Beginning in 1995, Lorne joined Laurie Eisler and the Pandas, becoming part of the superb Panda teams that produced six consecutive national titles. In 1996 he became co-coach, a position he held until 2000 when he became coach of the Canadian Women's National team.

The siren call of Canada and other countries lured Lorne to the challenge of coaching national women's teams: the Canadians (1982-1988 and 2001 to the present); the Swiss (1990-1993) who won a FISU bronze medal in 1993; the Australians



Joyce Cutts

(1994) and the Swedes (1997 – 1999). The records of few volleyball coaches can approach "Dr. Volleyball's" numerous appearances at international competitions.

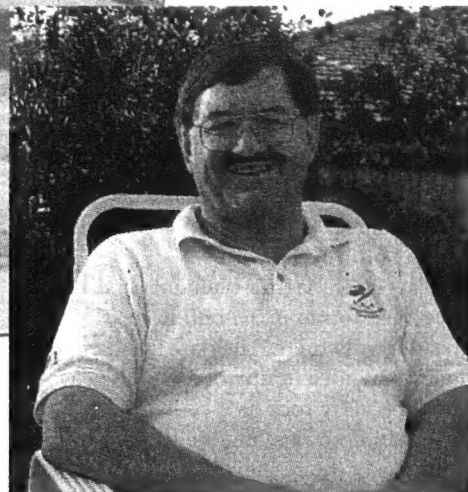
Today Lorne serves Canada's volleyball communities as a Level IV Canadian Certified Coach of Canada's National Women's team and as a Level III FIVB Coach and Instructor who is in demand around the world.

JANICE McCAFFREY (NEE TURNER) (BA 1980, BSW 1982 U OF A EXTENSION – U OF C, MED 1991 U OF C)

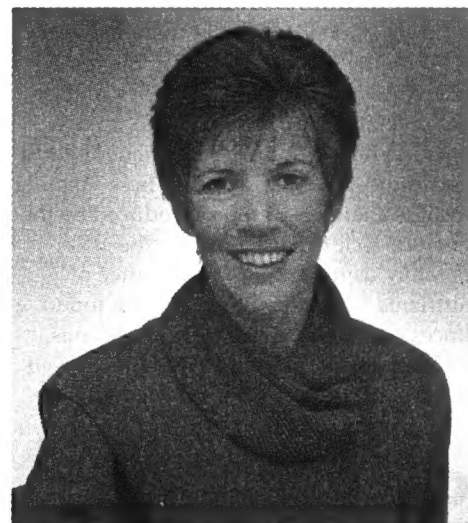
Janice McCaffrey entered the University of Alberta in 1977 and joined the track and field team. In 1980 a quirk of fate led her coach, Roger Burrows, to introduce her to Race Walking – and the rest is history. Janice has been a force in this event for more than 20 years. She has been Canadian champion 13 times, Jeux de la Francophonie champion, Pan American Racewalk Cup silver medalist, bronze medalist in the 1994 Commonwealth Games (the second of her three appearances); she has competed in three Pan American Games, seven World Race Walk Cups (more than any other Canadian), four World Athletic Championships and three Olympic Games (1992, 1996, and 2000).

Janice holds the Canadian record for both the 10-k and 20-k events. No other Canadian has broken the 1:40:00 mark for the 20-k distance; Janice has done it seven times. Her record stands at 1:34:52 and it is also the world record in Master's competition.

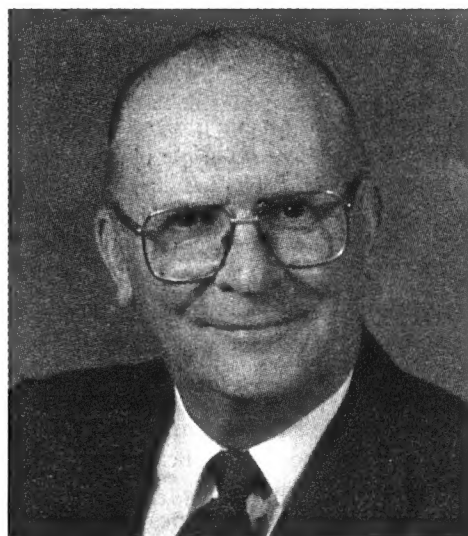
In 1995, Janice returned to her running



Lorne Sawula



Janice McCaffrey



Herb McLachlin

roots. She has run 14 marathons and is the 2001 Canadian Female Masters Marathon champion. Her times (many below 2:50:00), place her as one of the top-ranked marathoners in Canada. As a 40-year-old, Janice race-walked in the 2000 Sydney Olympic Games and then represented Canada as a marathon runner at the 2001 Francophone Games.

In 2003 Janice competed as a member of the running team that set the World Masters records in the 4x400 m and 4x800 m indoor relay events.

Janice is married to Bill, her U of A sweetheart, and they have two children. She is a Chartered Psychologist and conducts corporate seminars as a career. ■

Volcanic rock offers clues to antiquity of life

Ancient microbe left 'tracks' behind

By Phoebe Dey

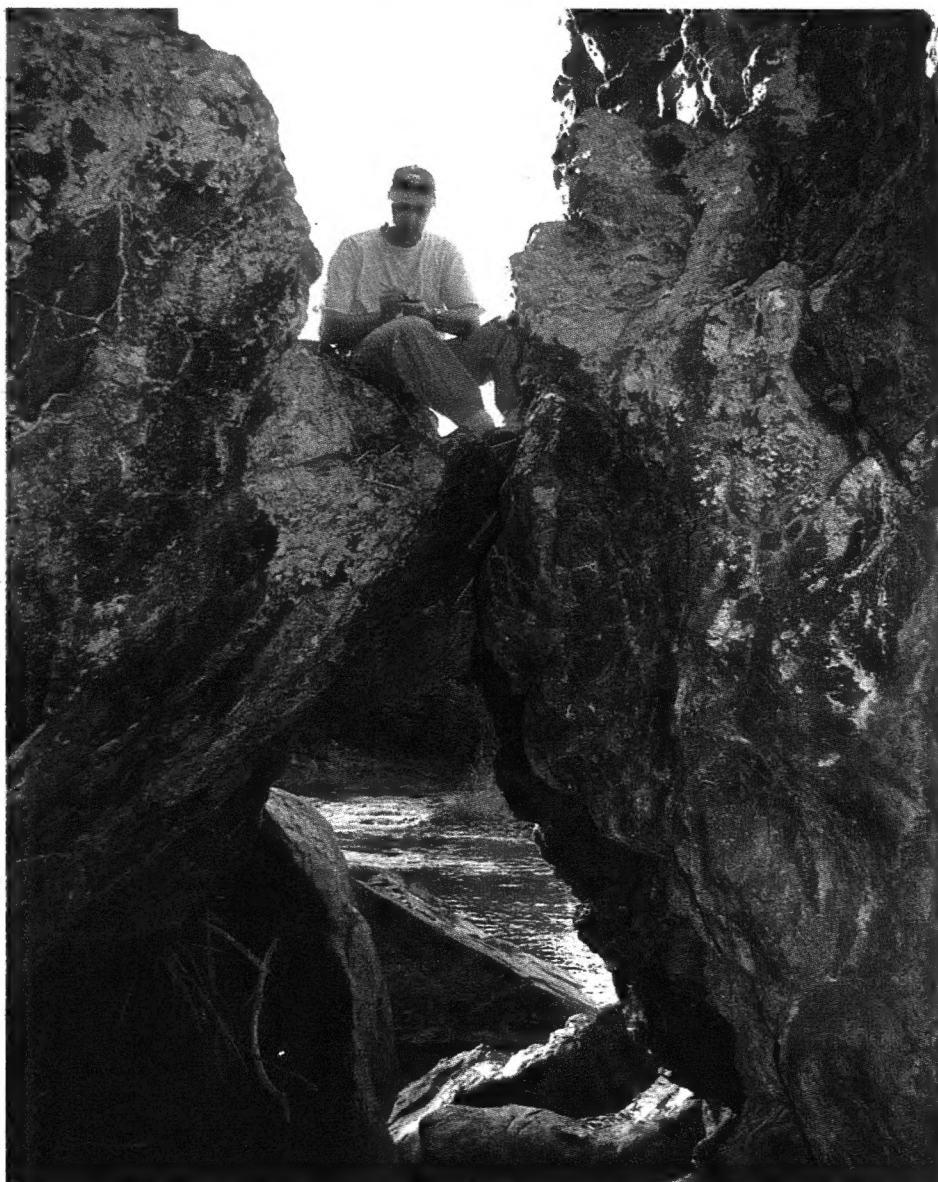
A new discovery of microbial activity in 3.5 billion-year-old volcanic rock and one of Earth's earliest signs of geological activity sheds new light on the antiquity of life, say University of Alberta researchers who helped make the ground-breaking find.

"People have been looking for signs of early bacteria for the last 50 years," said Dr. Karlis Muehlenbachs, of the U of A's Faculty of Science and an author of a paper published in the journal *Science*. "A variety have claimed they've seen it and subsequently been challenged as being flawed. We are suggesting that we have clear evidence of life prospering in an environment where no one else has bothered to look."

The research team, also made up of Dr. Harald Furnes from the University of Bergen in Norway, Dr. Neil Banerjee from the U of A, Dr. Hubert Staudigel from the University of California and Dr. Maarten de Wit from the University of Cape Town, studied samples of pillow lava taken from the Mesoarchean Barberton Greenstone Belt in South Africa.

Tiny bacteria-size filaments and tubes have been found in 3.5-billion-year-old lava deposits there. They are strong evidence that ancient microbes ate their way into the glassy rock as it cooled deep on the ocean floor, leaving the tubular trails behind, say the researchers. The microbes likely colonized basaltic glass of the early oceanic crust, much in the same way as they do modern volcanic glass.

This evidence of life in the basaltic glass on the sea floor comes in the form of textures produced by microbes as they dissolve the glass, said Banerjee, a post-doctoral fellow in the Department of Earth and Atmospheric Sciences. "These textures include channels or tubes produced by the microbe as it tunnels through the glass, possibly using the glass as a source of nutrients," he said. "We have also found traces of carbon, nitrogen, phosphorous and potassium, all essential to life, as well as DNA associated with the microbial



Researcher Dr. Neil Banerjee probes the mysteries of South African pillow lava.

alternation textures in the recent basaltic glass samples."

The team then compared its 3.5 billion-year-old samples to the modern pillow lava on the sea floor using several sophisticated tests, and found much evidence of life. In order to date the microbial activity, the researchers then compared the relationship

between the tubular structures and the metamorphic mineral growth.

"On the microscopic level, we see that during metamorphism, the new minerals cross-cut the preserved biological features," said Muehlenbachs. "This means that the biological features pre-date the metamorphism, leading to the conclusion

"Everyone agrees our rock is from the sea

floor – that's a sure thing. Ultimately that

leads to the questions of where did life start

and where did it originate? And we could

argue fairly effectively that maybe there is a

link with the origin of life in our work."

– Dr. Karlis Muehlenbachs

that the microbes were attacking the glass 3.48 billion years ago, very soon after the glass chilled and lasting a few million years, perhaps until the usual geological processes buried and cooked them."

Despite challenges to previous research claiming evidence of life activity, this research team is certain its evidence is solid.

"In other discoveries, there has been much discussion and argument about the rock type and where it came from," Muehlenbachs said. "Everyone agrees our rock is from the sea floor – that's a sure thing. Ultimately that leads to the questions of where did life start and where did it originate? And we could argue fairly effectively that maybe there is a link with the origin of life in our work."

Another interesting aspect to the research, said Muehlenbachs, is that the rock type they studied is the same as seen on the surface of Mars. "Martian rocks would also have glass that would retain a record of life activity – we could learn a lot from them as well." ■

Small-scale technology produces big results

Nanotubes have mega potential

By Chris Smith

A University of Alberta professor and his American research partners have developed a nanotechnology to help the human body more easily accept artificial parts.

A new breed of self-assembling, job specific and non-toxic nanotubes are at the centre of this new technology, developed in part by Dr. Hicham Fenniri of the Department of Chemistry. Thirty-thousand times smaller than a human hair, these tubes resemble miniature rolls of chicken wire that help body cells stick to the surface of artificial implants.

One way the body decides whether to accept or reject foreign objects is by the object's surface composition. If an implant's surface has nano-sized bumps and ridges, it is more likely to be accepted by the body. "The nanoscale features offer more anchor points," said Fenniri.

In a recent study, titanium implants with and without a nanotube coating were exposed to bone cells, called osteoblasts. Fenniri and his team, including Dr. Thomas Webster of Purdue University, found that the nanotube-coated implants had 30 per cent more osteoblasts adhering to them.

Their ability to self-assemble mimics the behaviour of DNA. Just as the base-pair molecules of human DNA organize themselves to produce larger structures, so too do the molecules of the nanotubes.

The future of designer nanotubes is



Dr. Hicham Fenniri of the Department of Chemistry has helped discover a way to make patients less likely to physically reject surgical implants.

wide open, says Fenniri, whose research is sponsored in part by the Natural Sciences and Engineering Research Council. The ability of researchers to produce high-quality, job specific, body friendly nanotubes holds the promise of limitless usage. Fenniri compares the basic nanotube to a

Christmas tree and the applications are the ornaments; "you can decorate it anyway you want."

Unlike its predecessor, the carbon nanotube, Fenniri's nanotubes are composed of what he calls a "chemical cocktail," ordered up for whatever job needs

to be done, such as coating a specific body joint. By synthesizing large quantities of job-ready nanotubes, the process tends to be more cost effective as well as more predictable than carbon nanotube manufacturing.

The use of nanotubes as polymers and as channels in electronic applications is already underway.

The blossoming field of nanotechnology is receiving a federal vote of confidence in the form of a brand-new \$120-million dollar research facility at the University of Alberta, the National Institute for Nanotechnology, which opens its doors next spring. Though Fenniri has been at the U of A for 10 months, his team has grown from three students to 25, and he is "looking forward to having everyone under the same roof."

Past visions of nanotechnology hailed the coming of tiny machines and self-assembling robots, and although these ideas fuel the imagination of the nanoscience community they don't reflect the reality of today's research, said Fenniri. However, he adds, nanoscience has always been the realm of the chemist, it's just that now "chemists are learning to think in terms of applications."

If the chameleon-like attributes of the nanotube are any indication, nanotechnology is poised to produce results that improve people's lives. ■

Top technicians honoured

Nat Rutter Award recognizes those who make labs work

By Shawn Benbow



Bernie Faulkner enjoys working with students.

Each year the University of Alberta Chapter of SIGMA XI, The Scientific Research Society, presents the Nat Rutter Outstanding Technician Awards to three dedicated lab technicians. This award is based on the technicians' quality of work, technical knowledge, innovation, dedication, and relationship with staff and students. In 2004, recipients of the Nat Rutter Outstanding Technician awards are Bernie Faulkner of the Department of Mechanical Engineering, Donald Mullin of the Department of Physics, and Michael Abley of the Department of Renewable Resources.

TECHNICIAN HELPS STUDENTS

Working in the Department of Mechanical Engineering, Bernie Faulkner has a hard time explaining exactly just what he does as a lab technician.

"People always ask me what I do here – for me it's like being a jack of all trades; I get a lot of different jobs. When I started here they put me into one project, and things just panned out from there. As the students graduate and the professors move on, there's always something new," he said.

Faulkner graduated from NAIT with a telecommunications diploma, which he says gave him a good background with electronics – but most of the stuff he knows about the machines he just picked up on the job. "I had a lot of interests myself, and as time went on I found myself in the shops a lot more, and just kept learning."

Starting at the U of A in 1982, Faulkner has worked with a number of professors, undergrad and graduate students. He has worked with many material testing machines and has custom-built several. His interest in photography has also led him to work with some grad students to produce world-class photographs.

One student was trying to photograph water drops hitting a still water surface, and asked Faulkner for assistance. "When a water drop hits a surface of water, you get a little vortex that looks like an upside-down atom bomb, and the student needed photographs of this effect. It started out with an eyedropper and a beaker, and the next thing we knew, we had built an automated system that had to run at night when there were not as many vibrations in the building."

What disappoints him, though, is some newly purchased testing equipment is so sophisticated and proprietary that the technicians can't help when something goes wrong. Faulkner says he's worked with some of the machines for so long he knows them inside and out – literally. "If something happens, I can look and listen to the machine and often know what's wrong with it, and can fix it right away," he explained. However, with the new machines, they're just black boxes and when things go wrong, they have to wait for a representative of the manufacturer to

come and fix it.

One undergraduate class, MecE 260, has a design project that Faulkner works with each year. He is responsible for teaching and advising the students in the class with the machines in the lab. "I enjoy working with students, especially because there's always a character in each class at any given time – it seems as soon as one leaves, another shows up. It's like they have a supply of these guys. They're always comical and bright, and you can't help but like them," Faulkner said.

Faulkner says one of the most enjoyable things about his job is that even though he has been working in the same lab for over 20 years, he's never had two days where he's done the same thing. "Except for the undergraduate labs, you can't count on anything. It's a variety of work, and that's what keeps me coming back," he said. "I enjoy the students and the work, and that's what really matters."

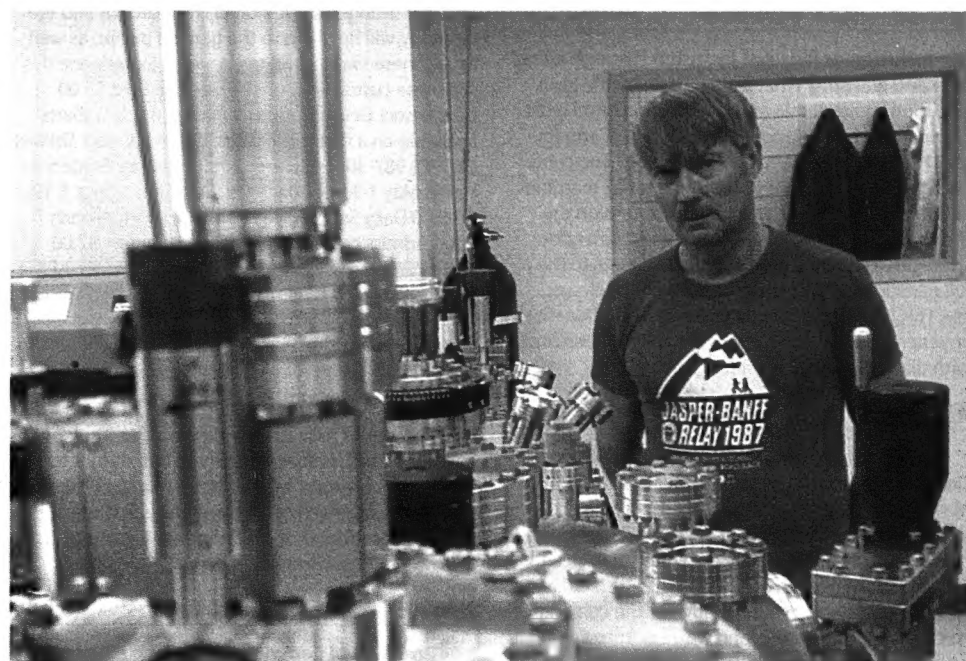
THREE DECADES OF EXCELLENCE

One of the most important things Donald Mullin does at the university is build high-quality testing equipment. Working in the Department of Physics, he builds and maintains sensitive equipment used in nanotechnology research.

Mullin works primarily with ultra-high vacuum equipment used in experiments with ultra-thin metallic films. "If anyone on campus wants to do an experiment with a thin film section, they come here." He says that in addition to the physics professors, chemistry and various other researchers use their facility as well.

With an electronics diploma from St. Claire College in Ontario, Mullin had the technical background to work with the equipment when he was first hired in 1971, but he's taken a number of machining and digital electronics courses to keep up to date.

As a lab technician, Mullin sees it as



Department of Physics technician Donald Mullin draws on 30 years of experience.

his job to continually provide equipment for the researchers he works with. Mullin often builds extra equipment when he sees a need for it. "I was asked a few times if I had a heated substrate filter for the evaporation of thin films. I got sick and tired of hearing people ask that, so I decided I'd just make one. I drew it up and a machinist made it, and I bought some electronics for temperature controls, and as soon as I had it up and running, it was less than a week before someone else came in asking for a heated substrate holder."

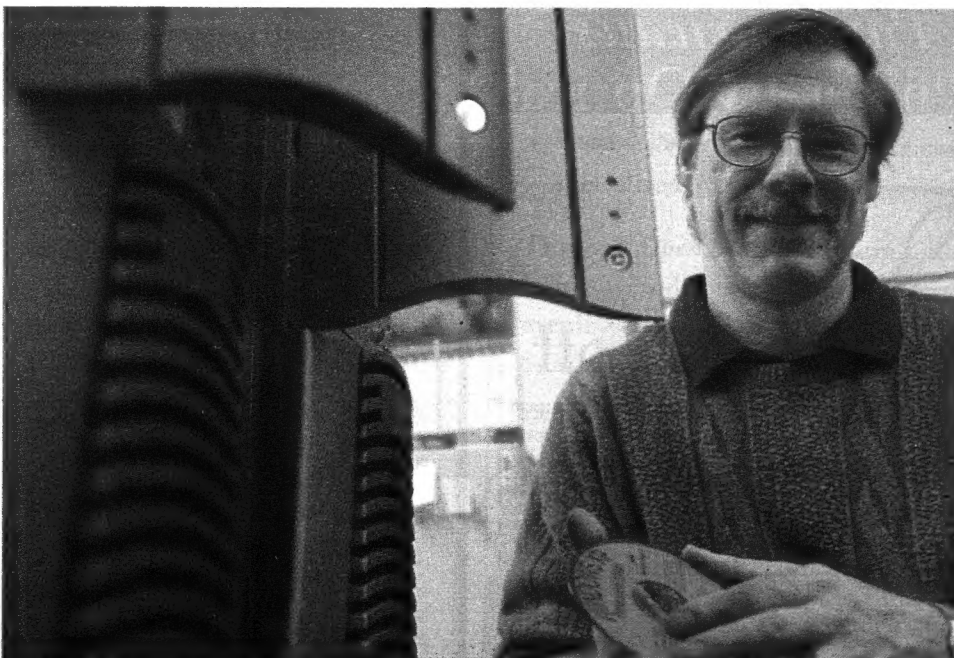
Mullin estimates the device cost a few hundred dollars to make, which was much cheaper than the thousands of dollars it would have cost the department to buy one from a manufacturer. "After being here for more than 30 years you start to realize that if you make something like that, the researchers will use it," he said, and he's always on the lookout to design and make more equipment.

Aside from building and maintaining the equipment, Mullin helps educate the people who use it. He often trains graduate students and professors to use his lab's equipment. He wants to make sure that when students graduate, they have the knowledge to operate the testing equipment, so they'll be more likely successful.

"I get a lot of satisfaction from the professors and students who use the equipment without problems, and then tell me that I've kept everything working so they don't have to worry about the equipment, and that what I've done has made everything else easier. It's nice to hear that what I'm doing is really worthwhile," Mullin said.

FROM SOIL SCIENCE TO BITS AND BYTES

Michael Abley's education didn't end with the honours botany degree he earned in 1982. Immediately hired by the Department of Soil Science, he started off in wet chemistry.



Michael Abley's career has taken many turns, from botany to software and computers.

"I started here doing wet chemistry – I was a chemical technician. I was working in a lab doing analysis for arsenic and mercury in soil," he said of his job, which really didn't have anything to do with his botany degree. However, he worked a lot with students and professors to get students interested in soil analysis. "One thing we did was test student's hair for mercury. We charted out each person's name versus mercury content, and we found that in a lot of the women who had hair treatment, the mercury levels were relatively high," Abley explained, and this test garnered interest in the real soil analysis.

"Around the same time I was doing wet chemistry, a professor came to me and said they had a new piece of equipment that makes slices of soil to put under a microscope, and no one else wanted to set it up," he said. Abley took a course on how to use the device in Scotland, and came back to Edmonton to set up and run the machine. "We were the only people in Western Canada to do this, and I was able to perfect the whole process, and people from across Canada would send us samples to look at," he said.

Continuing his trend of on-the-job learning, Abley began bringing computers into his labs, and learned to write programs to automate data collection. "I got interested in writing computer programs, and eventually I ended up being the only guy in the department who knew anything about computers," he said. "Then I became the computer guy for the department."

Working with soil professor Dr. Marv Dudas, Abley co-authored a software program called Soilscape Canada in 1996, which is still used today as an interactive teaching program for students. "Because we were thinking ahead and used big graphics, they can still use it today, eight years later," he explained. They also won the 1997 Innovation in Teaching Award for the program.

Today, Abley is the head computer technician for the Department of Renewable Resources. He supervises two other technicians in the upkeep, maintenance, and support of the department's computers and servers. However, Abley hasn't stopped there. "Right now I'm working a lot with CNS and the faculty trying to integrate all the department's servers," he said.

"I keep coming back because my job has changed so much. I think the great thing about working for a university is that you can evolve – you can start in one job and go where you want to go. I've always been able to do stuff that I like. I kept thinking to myself that as long as I'm happy doing my work, I'm getting paid, and I feel like I'm doing something for the university, I'll keep coming into work. And I've been doing that for almost 25 years now." ■

talks & events

Submit talks and events to Cora Doucette by 3 p.m. Thursday one week prior to publication. Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>.

APR 30 – MAY 01 2004

Inclusion or Illusion? Inclusion through work, play and learning What do we mean by the term 'inclusion' in academia and in education? And what do we mean by 'inclusion' in the worlds of employment and leisure within the community? The conference provides a unique opportunity for all members of the community to participate in discussion on the concept and meaning of inclusion, learn about strategies for inclusion and explore barriers to the full participation of people with disabilities in society. This conference will be of interest and benefit to anyone with a disability, or in contact with persons with disability. Location: Telus Centre.

APR 30 – MAY 04 2004

The 10th Annual Qualitative Health Research Conference From its beginning at West Edmonton Mall through trips to Hershey, Bournemouth, Vancouver, Newcastle, Seoul, and Guadalajara, and now back to beautiful Banff, the Qualitative Health Research Conference is celebrating its 10th anniversary. Over the years, your support for the conference has been overwhelming, and we've outgrown our original format. This year, we have expanded to 4 days, with 3 full days of sessions, followed by a day of workshops. This year's opening keynote will be delivered by Linda Connell, a registered nurse and experimental psychologist with NASA's Human Factors Research and Technology Division at Ames Research Center. Places are still available, please visit our website <http://www.ualberta.ca/~iiqm/qhr2004/index.htm> for more information. Location: Banff Centre, Banff, Alberta, Canada.

APR 30 2004

Department of Physiology, Faculty of Medicine and Dentistry Speaker: Dr. Peter H. Backx, Professor, Department of Physiology and Medicine, University of Toronto, Director: Transgenic Laboratory, Heart & Stroke, will speak on "Regulation of growth, contractility and disease of the heart." Location: 207 Heritage Medical Research Centre. 3 p.m. to 4 p.m.

Dept of Anthropology and Canadian Circumpolar Institute Visiting Speaker. Dr. Ross MacPhee from the American Museum of Natural History, New York will speak on "Quaternary Extinctions and Extinction Science". Please see dept website for abstract. Location: 14-28 Tory Building. 3 to 4:30 p.m.

Sing Along "Sound of Music" An evening of movie magic! Enjoy a film known for portraying an important historical moment and issues of religion (particularly in the convent), but also for some of the most memorable music ever written. Location: SUB Stage (Student's Union Building, U of A campus, 114 St & 89 Ave). 7:30 p.m.

MAY 01 2004

Faculty of Extension, Applied Sciences A Physiological Explanation of Traditional Oriental Medicine: Examining Mechanisms of Traditional Oriental Medicine. Presented by: Dr. Tadashi Hisamitsu. Location: Room 3-50, University Extension Centre, 8303-112 Street Edmonton, AB. 7:30 p.m. to 9:30 p.m.

MAY 02 2004

Traditional Japanese Tea Ceremony Tea offering will be hosted at the Ozawa Pavilion. This is an authentic Japanese Tea House, set in the tranquil Kurimoto Japanese Garden. Sittings will be held at 1:30, 2:15 and 3:00. Maximum of four people for the 1:30 and 2:15 sitting and a maximum of twenty for

the 3:00 sitting. Explanation of the tearoom and tea ceremony will be given to the general public, as well as Japanese sweets and tea powder. Experience this Japanese custom in a unique setting. Cost \$5.00 per person. General admission rates apply. Tickets available on a first come basis. Contact Visitor Services at (780) 987-3054 for further information. Garden Hours May 1-Jun 4 10:00-4:00 Daily Jun 5-Sept 6 10:00-9:00 Daily Sept 7-Oct 11 11:00-4:00 Weekends 2004 Admission Rates Adults \$9.00 Seniors \$7.00 Youth/Student \$7.00 Child (2-11) \$5.00 Under 2 FREE Family \$27.00 Garden Season Pass \$36.00 Location: Devonian Botanic Garden (25 mins Southwest of West Edmonton Mall or 5 KM North of the Town of Devon on Hwy 60). May 2, 2004. Website: www.discoveredmonton.com/devonian

Faculty of Arts Alumni Spring Tea The Faculty of Arts is pleased to invite our alumni to a Spring Tea hosted by Dr. Daniel Woolf, Dean of Arts. The reception is complimentary, but space is limited! Location: U of A Conference Centre at Lister Hall - Maple Leaf Room. 2 p.m.

MAY 03 – MAY 04 2004

2nd Annual Copyright Forum The Alberta Copyright Group is pleased to invite participation in their 2nd Annual Copyright Forum. The intent of the forum is to facilitate the understanding and application of Canadian copyright legislation in education. Location: University Conference Facility - Lister Centre.

MAY 03 – MAY 05 2004

Oilsands Symposium 2004 These sessions will review the progress of projects under the: Syncrude/NSERC Industrial Research Chair in Advanced Upgrading of Bitumen and NSERC Chair in Oil Sands and related research. Topics will include: Extraction Bitumen Properties Upgrading (Thermal & Catalytic) The symposium will also feature industry perspectives on research and development needs for processing of the bitumen from the oilsands of Alberta. Registration is Mandatory. Location: ETLIC Building (Various Rooms). 8:30 a.m. to 5 p.m.

MAY 03 – MAY 07 2004

University Teaching Services - Spring Program University Teaching Services (UTS) is offering a one-week Spring Program from May 3rd to 7th, 2004 that may be of interest to those who teach. The theme for the Spring Program is working together to improve learning and there are sessions on: choosing an instructional method, creating a frustration-free research assignment, effective visual communication, supporting graduate student teaching, writing for publication and more! To find out more about this program please go to www.ualberta.ca/~uts and click on Programs and Teaching and Learning Effectiveness sessions. Registration is available online. Times vary on different dates. Location: CAB 243. 9 a.m. to 3 p.m.

MAY 03 – MAY 14 2004

Art in Medicine - Beneath the Mask The Art in Medicine program is pleased to present its second exhibit - Beneath the Mask. Students from all four years of the MD program have produced art projects to convey their understanding of the personal, social, and emotional effects of Parkinson's disease. The exhibit also features work by Ms. Joyce Pinckney, who was diagnosed with Parkinson's disease in 1995. This is a touring exhibit that will continue through various hospitals in Edmonton over the summer months. Location: U of A Hospital, first floor atrium.

MAY 03 2004

University Teaching Services Choosing an Instructional Method Best Suited to Your Audience.

You can be a highly skilled teacher as a designer of well-conceived and provocatively experienced classroom exercises. (Stephen Brookfield) This session identifies the components of effective classroom teaching and provides guidelines for choosing strategies and aids best suited to your audience. Presenter: Candide Sloboda, Nursing Time: 9:30 a.m. to noon. Location: CAB 243.

K-dependent Na/Ca exchangers and the brain Speaker: Dr. Jonathan Lytton, Department of Biochemistry & Molecular Biology, Faculty of Medicine, University of Calgary. Location: 207 HMRC. 3 p.m. to 4 p.m.

Department of Physiology, Faculty of Medicine and Dentistry Characterization of the C-terminal domain of human sodium bicarbonate co-transporter, NBC3. Speaker: Frederick B. Loisele, PhD Thesis Defense, Department of Physiology. Location: 207 HMRC. 9 a.m. to 10 a.m.

MAY 04 2004

University Teaching Services How to Create a Frustration-free Research Assignment. Faculty have the power to influence undergraduate students' development as seekers and users of information, now and for a lifetime. Is your research assignment addressing the student's need to learn the difference between google.com and substantive research? In this workshop, we will explore how collaboration between faculty and librarians can strengthen the impact of your research assignment. You will leave this session with some guidelines and new ideas to integrate into your research assignment design. Presenters: Jan Colter, Angie Mandeville, and Michael Storozuk, U of A Libraries Time: 9 to 11 a.m. Location: CAB 243.

MAY 05 2004

University Teaching Services Structuring Independence: Supporting Graduate Student Teaching. How can professors and teaching assistants work together in ways that foster good teaching? The profs and TAs involved in Philosophy 101 have, for the last five years, developed a rich set of techniques that provide structure and support for team members while also allowing pedagogical creativity and independence. In this participatory workshop, two profs and two TAs from the PHIL101 team will share techniques around mentoring, grading support, peer support, communication, and team administration. Presenters: Paul Beach, Cressida Heyes, David Kalhane, and Elizabeth Panasiuk, Philosophy. Time: 9 a.m. to noon. Location: CAB 243.

MAY 06 2004

University Teaching Services Effective Visual Communication: For Everything Else There's MasterCard. In the Information Age, university scholars and researchers typically convey information via a variety of media. Software such as Microsoft Excel®, Procite®, SPSS®, or PC SAS® may be used for data analysis and CAD® or CFX® software for visualizing concepts. But communication also requires creative thinking and aesthetic purpose in order to disseminate knowledge and research findings successfully. This session explores how to design more effective professional presentations. Presenter: Marlene Cox-Bishop, Human Ecology. Time: 1 to 3 p.m. Location: CAB 243.

Presentations on "The Convent: Life and Community" Patricia Demers (Department of English, U of A) presents "Courageuses Athlètes: Grey Nuns in the Great North-West" in conjunction with a visual presentation by Colleen Skidmore (Department of Art & Design, U of A) entitled "Photography in the Convent." Location: St. George's Anglican Church

(11733 – 87 Ave). 7:30 p.m.

MAY 07 2004

Board of Governors Meeting Location: Council Chambers University Hall. 8 a.m.

University Teaching Services Writing for Publication. Drawing upon the insights and experiences of a researcher, a scholar, and a librarian, this workshop focuses on the art and science of writing for publication. In addition to practical writing tips, library searching ideas, and submission strategies, the issues concerning multiple authors, knowledge translation, multiple submissions, and multiple publishing are explored. Presenters: Laura Botsford, Alberta ACADRE Network, Jeanette Buckingham, Libraries, Nancy Gibson, Circumpolar Institute Time: 9 a.m. to noon. Location: CAB 243.

Department of Cell Biology, FGSR and AHFMR Visiting Lecturer. Dr. Haifan Lin Associate Professor Department of Cell Biology Duke University Medical School Durham, NC Title of Talk: "Self-renewing mechanism of stem cells in the germline." Location: Seminar Room - 5-10 Medical Sciences Building. 9:30 a.m. to 10:30 a.m.

Department of Cell Biology PhD Thesis Defense. Nasser Tahbaz. Title: "Characterization of PAZ/PIWI domain proteins by identification of their binding partners." Location: Seminar Room - 5-10 Medical Sciences Building. 12 to 1 p.m.

South East Asian Cultural Night On May 7th 2004 at University of Alberta, SEASA with its highly enthusiastic members is planning to have its 1st annual South East Asian Cultural Night. This event is intended to promote cultural awareness amongst students on campus and the Edmonton public. In addition to it, this event will also be educational in its nature. To achieve these goals, we include programs such as: · Cultural performances from countries like Malaysia, Indonesia, Singapore, etc. · Traditional food and delicacies from respective countries will be served. Location: Convocation Hall. 6 p.m.

UNTIL MAY 08 2004

All Dressed: Bachelor of Fine Arts Graduate Show 2004 Regular Gallery hours are Tuesday to Friday, 10:00am to 5:00pm and Saturday, 2:00-5:00pm. The Gallery is closed Sunday, Monday, and statutory holidays. Location: Fine Arts Building Gallery, room 1-1 Fine Arts Building, 112 street and 89 avenue, University campus, Edmonton.

MAY 08 – MAY 09 2004

Mothers Day Get Growing Plant Sale Select from a wide variety, often exotic or hard-to-find, hardy perennials or native Alberta wildflowers. Seeds are collected from the Gardens numerous plant collections and are grown by volunteers. Orchids (if available), cacti and succulents are also for sale. Held at Alice MacKinnon Horticulture Centre, south of the Japanese Garden. There is no admission fee to attend the plant sale, however regular admission rates apply to view the Garden. Proceeds from the sale contribute to the operation of programs and facilities at the Devonian Botanic Garden. Contact Visitor Services at (780) 987-3054 for further information. Location: Devonian Botanic Garden (25 mins. South West of West Edmonton Mall or 5 KM North of the Town of Devon on Hwy. 60). 10 a.m. to 4 p.m.

MAY 10 2004

Department of Cell Biology and AHFMR Visiting Lecturer. Dr. Steven S. Vogel Acting Chief Section on Cellular Biophotonics DHHS/NIH/NIAAA/DICBR/LMP Rockville, MD Title of Talk: "Do FedEx trucks pick up UPS packages? The relationship

Display advertisements: Camera-ready artwork is required to size, complete with halftones if necessary. Call 417-3464 for sizes, rates and other particulars.

Your feet are the foundation of your body...

Digital information and our physiotherapist's clinical exam are combined to make affordable prescription orthotics worn in your shoes, to correct many abnormal foot functions.

Foot Pain? Knee Pain? Back Pain?

Paul Lorieau's University Optical

\$25 off

complete eye glasses package upon presentation of this coupon

4 3 3 - 5 5 0 0

Wheelchair Accessible

University Physical Therapy
Garneau Professional Centre
#350, 11044 - 82 Ave.

11170 - 82 Ave
Edmonton AB T6G 2L8

Tower on the Park

SUITE HOTEL

Approved University Hotel through the Hotel Authorization Program

\$72.00 1 bedroom per night
\$95.00 2 bedroom per night

Let Us Offer An Alternative

1, 2 & 3 bedroom suites equipped with washers/dryers, dishwashers, microwaves, coffee makers and private balconies

FREE – LRT pass to the the U of A
FREE – Deluxe continental breakfast
FREE – Heated underground parking
FREE – Local calls
FREE – Pass to Kinsmen Sports Centre
FREE – 24 hour coffee service in lobby

*LRT passes only available with HAP Reservations *Subject to availability

(780) 488-1626 • 9715-110 St.

Spend a Night Not a Fortune

between different mechanisms of compensatory endocytosis." Location: Seminar Room - 5-10 Medical Sciences Building. 9:30 a.m. to 10:30 a.m.

Crime Prevention Fair & BBQ To celebrate Alberta Crime Prevention Week, Campus Security Services is holding a Crime Prevention Fair and BBQ in Celebration Plaza (South of Administration) from 10am to 4pm on May 10. Several booths will be set up featuring UofA crime prevention services including Safewalk, Campus Crimestoppers, UofA Students Against Drinking and Driving, UofA Sexual Assault Centre, Campus Security Services, and many others! CSS will be offering Child Id and bike registration services. CSS Mountain Bike Unit will also be on hand to talk about bike theft and prevention. Come and join us for lunch! All are welcome! All proceeds will be donated to the Campus Food Bank. Location: Celebration Plaza (South of Administration Bldg). 10 a.m. to 4 p.m.

MAY 11 2004

CaPS Free Brown Bag Lunch Seminar: Summer Work Search Location: 2-100 Students' Union Building (SUB). 12:30 p.m. to 1:15 p.m.

Calgary Regional Alumni & Friends Reception Please join fellow engineering alumnus Gwyn Morgan (Mechanical '67), President & CEO of Encana Corporation and other Calgary-area engineers for an evening of renewed acquaintance, creating new friends, and celebrating the Faculty's successes. Complimentary hors-d'oeuvres and beverages will be served. Business attire recommended. Location: Sheraton Suites Calgary Eau Claire 255 Barclay Parade SW Calgary, Alberta. 5 to 7 p.m.

MAY 12 2004

CaPS Free Brown Bag Lunch Seminar: Looking for Work on Campus Location: 2-100 Students' Union Building (SUB). 12 p.m. to 1 p.m.

Fine Arts Program, Faculty of Extension Heather Spears - Camera/Eye/Brain: Ocular Vision and the Portrait. The camera portrait is monocular; the portrait drawn from life is binocular. How does the brain process these different images and what is their relationship to the perceived (seen) face? Using photographs and drawings of the same subjects, artist Heather Spears explores this fascinating aspect of visual perception. Location: Room 2-47, University Extension Centre, 8303-112 Street, Edmonton. 5 p.m. to 6:30 p.m.

MAY 13 2004

CaPS Free Brown Bag Lunch Seminar: Using the Internet to Find Work Location: 2-100 Students' Union Building (SUB). 12:30 p.m. to 1:15 p.m.

Presentations on "Religious Women: Image and Identity" Two presentations and discussion, with Catherine Caufield's "The Book of Lamentations:

religious discourse and women's identity" and Joan Greer's "Crucified Women: A Rejected Image of the 'Dutch woman.'" Location: St. George's Anglican Church (11733 - 87 Ave). 7:30 p.m.

MAY 14 2004

Molecular Biology and Genetics Group and Genetics 605 Molecular Biology and Genetics Group and Genetics 605 seminar series. Dr. William Brook, Associate Professor, Genes and Development Research Group, Faculty of Medicine, University of Calgary is presenting a seminar on "Drosophila Tbx20's: breaking symmetry and breaking hearts," on Friday, May 14th at 3:30 p.m. in Room M-149 of the Biological Sciences Building. This seminar is part of the Molecular Biology and Genetics Group and Genetics 605 seminar series. Location: M-149 Biological Sciences Building. 3:30 p.m. to 4:30 p.m.

White Buffalo Dancers & Drummers Society Performance of Aboriginal Women and Spirituality The White Buffalo Dancers & Drummers Society aims to preserve the singing and dancing traditions of Aboriginal people. This unique performance will portray aspects of Aboriginal women and their spirituality. Location: Convocation Hall, Old Arts Building, U of A campus. 7 p.m.

UNTIL MAY 31 2004

Junior Kindergarten and Kindergarten Registration Are you looking for a preschool or kindergarten class close to the University? The Child Study Centre offers junior kindergarten and kindergartens classes on Campus. Applications are now being accepted for September. Location: University Campus.

UNTIL JUN 30 2004

Beyond These Halls: Senate Community Service Recognition Program Tell us about your volunteer work! The University of Alberta recognizes and celebrates the valuable community service contributions made by faculty, staff and students through its BEYOND THESE HALLS: Senate Community Service Recognition Program. We are currently collecting information on volunteer contributions made during the 2003 calendar year. Visit the website at www.ualberta.ca/beyondthesehalls and fill out the on-line submission forms (individual or group). The deadline for submissions is 30 June 2004. Last year, submissions ranged from large projects like a collaborative research initiative with not-for-profit groups to individuals volunteering as mentors to young scholars. Information will be compiled in a keepsake booklet and all participants will be invited to a recognition ceremony in September 2004 at which time we will announce the results of the University's volunteer contributions for 2003. This year, special awards are being created such as Media Relations, Good Neighbor, Rising Star, New Initiative, and Exemplary Service. Location: TBA.

notices

Please send notices attention Folio, 6th floor General Services Building, University of Alberta, T6G 2H1 or e-mail public.affairs@ualberta.ca. Notices should be received by 3 p.m. Thursday one week prior to publication.

PRESIDENTIAL SEARCH COMMITTEE FOLIO ARTICLE

On December 12, 2003 Dr. Fraser announced his plan to retire as President on June 30, 2005, the end date of his current appointment. In accordance with policy, the Board of Governors struck a Committee to conduct a search for Dr. Fraser's replacement.

Members of the Presidential Search Committee are:

Jim Edwards	Chair, Board of Governors
	Chair, Search Committee
*John Ferguson	Chancellor
*Eric Newell	Chancellor Elect
Ross Grieve	Member, Board of Governors
Brian Heidecker	Member, Board of Governors
Dr. Patricia Clements	Academic (Professor of English)
Dr. Stewart Hamilton	Academic (Professor of Surgery)
Dr. John Vederas	Academic (Professor of Chemistry)
Dr. Michael Mahon	Dean
Dr. Laura Frost	Chair, Department of Biological Sciences
Dr. Gordon Swaters	AAS:UA
Mat Brechtel	Students' Union
Jordan Blatz	Students' Union
Lee Skallerup	Graduate Students' Association
Dr. Jill Bushrod	Senate
Joy Correia	NASA
Gordon Barr	Alumni

*Dr. Ferguson has requested that Dr. Newell replace him on the Committee effective April 23, 2004.

The Presidential Search Committee has held two meetings to date and a report of the meetings is available on the Board of Governors' Web site www.ualberta.ca/governors. Regular meeting updates will be posted to this website.

The Presidential Search Committee currently welcomes input and comments from members of the University of Alberta community regarding the upcoming search for President.

In particular the Presidential Search Committee would hope that you might address the following questions:

1. What, in your view, are the main issues,

opportunities and challenges facing the University of Alberta at this point in the University's history?

2. Given that context, what would be the academic credentials, background, administrative and professional experience and personal qualities that you would advise the Search Committee to seek in potential candidates for the position of President?

3. Where/in what current institutions or positions might suitable candidates be located?

Please submit your comments in writing, in confidence, by sending them to Dr. Janet Wright, Executive Search Consultant or Ms. Louise Shulko, Board Secretary.

Dr. Janet Wright
Janet Wright & Associates Inc.
21 Bedford Rd, Ste. 300
Toronto, Ontario, M5R 2J9
Louise Shulko, Board Secretary
University of Alberta Board of Governors
Room 3-31 University Hall
Edmonton, Alberta T6G 2J9
e-mail: jwright@jwsearch.com
e-mail: louise.shulko@ualberta.ca
James S. Edwards, P.C.
Chair, Presidential Search Committee

EXCITING INTERNATIONAL OPPORTUNITIES FOR STUDENTS AND FACULTY.

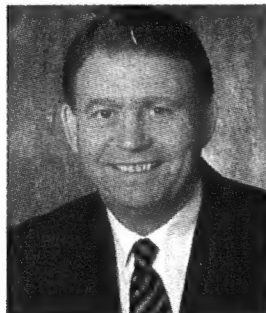
Rotary District 5370 and TRF Scholarships (Deadline for applications soon! - July 30, 2004)

Do you know of two bright young women or men who would love to continue academic study in another country for a year, to learn more about another culture and to further international understanding and world peace? Do you know of a University Teacher who wants to teach in a developing country for 3 to 6 months?

An ACADEMIC-YEAR AMBASSADORIAL INTERNATIONAL SCHOLARSHIP of up to \$25,000 (U.S.) is being made available by Rotary District 5370 during the 2005 - 2006 academic year, to

NEW APPOINTMENT

ALBERTA HERITAGE FOUNDATION for MEDICAL RESEARCH



RALPH YOUNG

Member, Board of Trustees
Alberta Heritage Foundation
for Medical Research

The Board of Trustees and staff of the Alberta Heritage Foundation for Medical Research are pleased to announce the appointment of Mr. Ralph Young to the AHFMR Board of Trustees. Mr. Young's appointment was approved by the Lieutenant Governor through an Order in Council, effective April 1, 2004.

Mr. Young received his Bachelor of Science degree in Civil Engineering from the University of Saskatchewan, followed by a Master degree in Business Administration from the University of Alberta. He is President and CEO, and a Director of Melcor Developments Ltd, a public real estate development company headquartered in Edmonton.

Mr. Young is currently a member of the Board of Governors of the University of Alberta, the Association of Professional Engineers of Alberta, the Urban Development Institute, and the Edmonton Chamber of Commerce. He is also the Chairman of the 2004 Centennial Committee for the City of Edmonton.

Since 1980, the AHFMR has awarded more than \$750 million to researchers at the University of Alberta, the University of Calgary, the University of Lethbridge and their affiliated institutions. Heritage scientists recruited in Alberta, from other parts of Canada and from around the world, are earning international acclaim for their research advances in such fields as heart function, genetics, cancer, diabetes, and population health. Heritage researchers attract \$2-3 in outside funding for every AHFMR dollar received.

AHFMR was highly commended for its record of achievements and the excellence of its activities throughout the province in a Report prepared by members of an International Board of Review in December, 1998

AHFMR



ALBERTA HERITAGE FOUNDATION
FOR MEDICAL RESEARCH



Get Ahead! this Spring and Summer!

Looking for
**Adventure... Personal development...
A new perspective?**

The road is open to great possibilities when you take the U of A's
Spring and Summer studies.

The credit course opportunities include:

- ♦ a wide range of lectures, labs, and seminars
- ♦ Travel Studies — earn credits while studying abroad
- ♦ Special Programs — intensive courses designed in highly specialized areas

Through *Open Studies* you can take selected credit courses without following a degree program. Many courses are offered during the evening to fit your schedule.

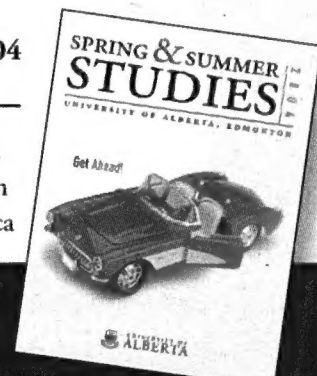
Summer Term application deadline: June 15, 2004

The 2004 Spring & Summer Guide is now available.

Pick up your copy from the foyer of the Administration Building or visit our website at www.registrar.ualberta.ca



UNIVERSITY OF
ALBERTA



The new University of Alberta

Conference Centre



New Meeting Facilities

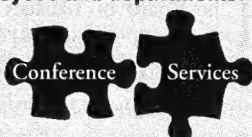
Visitor Accommodation

and more..

See the back of your 2004 Telecommunications Directory for our full colour ad.

Call Conference Services at 492-4281 for more information, bookings, tours, and to find out about our new incentive programs for U of A employees and departments.

C102 Lister Centre • University of Alberta • Edmonton, AB T6G 2H6
Ph: (780) 492-4281 • Fax: (780) 492-0064
Email: conference.services@ualberta.ca Web: www.hfs.ualberta.ca



Course Packs

your notes +
our technology

your course pack

For more information:
please visit our website or call.

021 Lower Level Students' Union Building
Monday to Friday 9:00 a.m. - 5:00 p.m.
call: 492-9113
email: printcentre@su.ualberta.ca
web: www.su.ualberta.ca/print_centre

Shine a light on our

BEST

Nominate a worthy volunteer for the Board of Governors' Award of Distinction

WHO: Award of Distinction nominees exemplify the spirit of innovation, generosity and commitment upon which the University of Alberta was founded. We seek individuals or groups who have made exceptional contributions to link the University of Alberta with the local, provincial, national and/or international community. Awards of Distinction are given to alumni and non-alumni in three categories: Academic, Non-Academic and Community. **WHAT:** Nominees are recognized for volunteer activities which promote goodwill between the University and the broader community and enhance the University's reputation for excellence. Established in 1997 by the Board of Governors to acknowledge the many extraordinary people who touch the University, Award of Distinction recipients are now enshrined on the University's Roll of Honour at the Timms Centre for the Arts. **WHY:** By nominating someone, you demonstrate your appreciation for their efforts, highlight the innovative individuals in your department or community and provide inspirational role models for the University's next generation of leaders. **HOW:** The complete nomination form with criteria and eligibility information is available online at www.ualberta.ca/governors/awards or from the office of the Board of Governors at 492-4951.



Nomination Deadline is **May 3, 2004**

one deserving young scholar who has completed at least two years of university or college courses. The applicant will undertake approximately nine months of full time study at an institution assigned by the Rotary Foundation Trustees. Applicants can be at the undergraduate or graduate level of their studies, must be doing excellent work, and be able and willing to be outstanding ambassadors of goodwill to the people of the host country.

A WORLD PEACE SCHOLARSHIP is also available from The Rotary Foundation to a deserving student for the 2005 - 2006 year, for study at one of the seven Rotary Centers for International Studies. It culminates in a two-year master's-level degree or certificate in international relations, peace and conflict resolution. Rotary World Peace Scholarships are for two academic years and provide funding for round-trip transportation, tuition and fees, room, board and other limited expenses. (Up to \$50,000 US)

A UNIVERSITY TEACHERS GRANT is available from Rotary District 5370 for someone who holds (or if retired, has held) a full-time college or university appointment for three or more years; it supports three to five months of teaching service in a developing country. (Up to \$12,500 US)

Applicants must be sponsored through a local Rotary Club in the applicant's legal or permanent residence, or place of full-time study/work. Persons with disabilities and members of Rotary Clubs are eligible and encouraged to apply.

The DEADLINE FOR APPLICATIONS is July 30,

2004 (for the 2005 - 06 year). Go to the website below for more detailed information and applications

THE ROTARY FOUNDATION AND SCHOLARSHIPS (see Education Programs)

<http://www.rotary.org/foundation/>, or contact Rotarian Mary Ann Bibby, (District Chair, Scholarships) at the University of Alberta, for further information. maryann.bibby@ualberta.ca

More information is available on these websites:

THE ROTARY FOUNDATION AND SCHOLARSHIPS (see Education Programs)

<http://www.rotary.org/foundation/>

AMBASSADORIAL SCHOLARSHIPS
http://www.rotary.org/foundation/educational/amb_scho/index.html

Information for Applicants:

http://www.rotary.org/foundation/educational/amb_scho/prospect/index.html

Information for Rotarians

http://www.rotary.org/foundation/educational/amb_scho/rotarian/index.html

GRANTS FOR UNIVERSITY TEACHERS

http://www.rotary.org/foundation/educational/un_teach/applicant/index.html

<http://www.rotary.org/newsandinfo/downloadcenter/pdfs/193en.pdf>

WORLD PEACE SCHOLARSHIP

http://www.rotary.org/foundation/educational/amb_scho/centers/scholars/2002/bradford_bios.html

positions

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOIPPA). The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons. With regard to teaching positions: All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. For complete U of A job listings visit www.hrs.ualberta.ca

ASSISTANT/ASSOCIATE PROFESSOR IN CLINICAL NUTRITION DEPARTMENT OF AGRICULTURAL, FOOD AND NUTRITIONAL SCIENCE

The Department of Agricultural, Food and Nutritional Science (AFNS) at the University of Alberta invites applications for a tenure-track position in clinical nutrition shared with the Capital Health Region. The successful applicant will function in part as a member of the nutrition services team of the Capital Health Authority and will establish a research program in clinical nutrition. The funding for this position is shared with the Capital Health Authority. A Registered Dietitian is required. The candidate will initially teach a senior level course in clinical nutrition.

The successful applicant will also be provided with state-of-the-art research equipment and space. Facilities will include the new Human Nutrition Research Centre and the soon-to-be-built Health Sciences Research and Innovation Facility that will also contain the Alberta Diabetes Research Institute. All positions are expected to contribute to graduate teaching. As part of a new initiative in the area of functional foods, the department is also filling a Canada Research Chair in functional foods and nutraceuticals. Information on this position can be obtained from the department web site www.afns.ualberta.ca.

Applications, including a statement of research and teaching interests, curriculum vitae and the names of three referees, should be sent to Dr. Peter Sporns, Vice-Chair, Department of Agricultural, Food and Nutritional Science, University of Alberta, Edmonton, Alberta, Canada T6G 2P5. Closing date for applications is May 31, 2004, or until a suitable candidate is found. For further information, contact Dr. Peter Sporns at Ph. (780) 492-2131, Fax (780) 492-4265, email: afns-chair@ualberta.ca or visit the web site at www.afns.ualberta.ca.

ASSISTANT PROFESSOR, TEXTILE AND APPAREL SCIENCE DEPARTMENT OF HUMAN ECOLOGY

The Department of Human Ecology invites applications for a tenure track Assistant Professor in the area of Textile and Apparel Science. The start date for this position is January 1, 2005 or earlier.

The Department offers a BSc in Human Ecology with majors in Textiles and Clothing, and Family Ecology, a BSc/BE degree; Masters degrees in Textiles and Clothing and Family Ecology and Practice (both thesis and course-based options) and a PhD degree in Human Ecology. A recent \$4.1 million renovation to the Human Ecology Building has provided the Department with excellent facilities for conducting both textile and apparel science research and social science research. A special research infrastructure grant of \$1.4 million recently enabled a major enhancement of the Department's internationally recognized Protective Clothing and Equipment Research Facility. The Department is part of the Faculty of Agriculture, Forestry and Home Economics, an interdisciplinary faculty that values excellence in teaching and research. For fur-

ther information see www.afhe.ualberta.ca.

Responsibilities: Teach undergraduate and graduate level courses in textile and apparel science; supervise Masters and PhD students; establish an independent research program in an area that fits with the Department's established research excellence in healthy human environments (including textile and apparel science, product evaluation, and protective clothing).

Requirements: PhD in Textile Science or Textile and Apparel Science or related field. University teaching experience preferred, especially in a human ecology context. Evidence of a successful record of scholarship is important. The successful candidate will have a background that is a good fit with the Department of Human Ecology and that enhances our ability to provide relevant, high quality education and research programs. Demonstrated leadership ability and potential to develop a strong research program consistent with the Faculty's commitment to collaborative research is expected. Demonstrated potential to contribute to an interdisciplinary research program in protective clothing is desirable.

The salary range for the position is commensurate with experience at the level of Assistant Professor; the 2003/04 range is \$49,188 - 69,660. Closing date for applications is July 31, 2004, or until a suitable candidate is found. Please submit applications to Linda Capjack, Chair, Department of Human Ecology, 302 Human Ecology Building, University of Alberta, Edmonton, AB T6G 2N1 Canada (780) 492-5997; fax (780) 492-4821; email linda.capjack@ualberta.ca. Include in the application package: letter of application addressing qualifications, a statement of teaching philosophy and interests, and a description of research program; curriculum vitae including a list of publications; graduate transcript(s); the names and contact information of three referees; and up to three sample refereed journal articles.

RESEARCH ASSOCIATE: SYNTHETIC AND BIOORGANIC CHEMISTRY DEPARTMENT OF CHEMISTRY

A research associate position is available immediately at the University of Alberta Chemistry Department for an individual with demonstrated expertise in small-scale chemical synthesis of amino acid derivatives and natural products with extensive experience with mass spectroscopy and multi-dimensional NMR analysis of reactions. Experience in design and synthesis of human coronavirus protease inhibitors and their in vitro testing is a critical asset. Experience in photochemical transformations is desirable. The candidate must have a Ph.D. in chemistry. Excellent oral and written communication skills are required for this position, which has an initial duration of two years with salary determined by experience. Salary range: (\$41,500 to \$58,900 per annum).

Applications including research experience, curriculum vitae and names of three referees should be sent by May 31, 2004, to Dr. John C. Vederas, Department of Chemistry, University of Alberta, Edmonton, Alberta. T6G 2G2. CANADA.

ads

Ads are charged at \$0.65 per word. Minimum charge: \$6.50. All advertisements must be paid for in full by cash or cheque at the time of their submission. Bookings may be made by fax or mail provided payment is received by mail prior to the deadline date. Pre-paid accounts can be set up for frequent advertisers. Please call 492-2325 for more information.

ACCOMMODATIONS FOR RENT

REAL ESTATE – Buy or Sell, Leases (Furnished/unfurnished). Janet Fraser or Gordon W.R. King. Telephone: (780) 441-6441. www.gordonwrking-assoc.com Gordon W.R. King and Associates Real Estate Corp.

WHITEMUD ROAD, furnished executive duplex, three bedrooms, sunroom, fireplace. \$1,200/month. Immediate. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

FABULOUS FOUR BEDROOM, TWO STOREY. Holyrood. Minutes from downtown. Family room with skylights, new fridge and furnace, south facing sunroom. Two blocks to elementary school and French Immersion. Quiet street. \$1,300/month. Call Janet Fraser, 441-6441, 951-0672, Gordon W.R. King and Associates Real Estate.

NEW RIVER LOCATION "THE LANDING" – two bedroom plus den, hardwood floor, exciting space. Long lease available. \$1,600/month. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

DOWNTOWN LIVING "THE SUMMIT" two storey townhouse with two bedrooms, two bathrooms. Underground parking, upscale living. Fully furnished. \$1,200/month. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

VILLAGE AT GRIESBACH – brand new sparkling sunny duplex, three bedroom, two storey. \$1,200/month. Call Michael Jenner, Gordon W.R. King and Associates Real Estate, 441-6441.

SASKATCHEWAN DRIVE, U OF A. Waters Edge. Upgraded two bedroom, two bathroom. Hardwood floors, \$950.00 month includes all utilities except power, phone and cable. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

WESTMOUNT FABULOUS DUPLEX, three bedroom plus den. Finished basement. Double garage. \$1,200/month. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

CLARIDGE HOUSE, NEAR U OF A – executive one bedroom condo, fully furnished. Building has amenities, pool, add exercise room. \$1,150/month includes all utilities. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

CALL NOW! To buy, sell, lease a condominium. \$65,000 to \$688,000. Please ask for Connie Kennedy, condo specialist/consultant, since 1968. RE/MAX Real Estate Central, 482-6766, 488-4000.

MODERN, NEWER, EXECUTIVE BUNGALOW, exceptional home and location, professionally finished basement. Three full bathrooms, furnished or unfurnished, October/04, Sharon 440-0344.

AVAILABLE APRIL 1ST, immaculate, air-conditioned bungalow, Highlands area. Living room, big kitchen/dining nook, two bedrooms, four-piece bath (Jacuzzi). Family room/third bedroom with two-piece bath and utility room in basement. Single attached garage, plus parking, enclosed yard with deck. No smokers, small pets only. \$1,200.00, plus utilities. Contact Lorn, 478-2645.

WINDSOR PARK furnished bungalow, five minutes to University/Hospital. Three bedrooms, finished basement. September-May, \$1,400/month. Carla (780) 434-0656, cspinaola@shaw.ca

SABBATICAL? Lovely, clean four bedroom, 2.5 bathrooms, family bungalow with fireplaces. Air-conditioned, basement, yard, negotiable furnishings and garage. Available July 1. Ten minutes from U of A, river valley trails, buses, and schools. Utilities extra. Non-smokers. (780) 482-5024 or diva_gri@telus.net

WINDSOR PARK BUNGALOW. Total five bedrooms, seven appliances, single garage. Two bathrooms. April 30th. \$1,600 monthly. Joan, 433-9025.

UPGRADED ONE BEDROOM HIGHRISE, river valley view, 12141 Jasper Avenue. Underground parking, utilities included. \$825. 456-5536, 441-1716.

BEAUTIFUL SABBATICAL HOME, Rossdale area, about five minutes drive from the University. Three storey home, fully developed basement, living room, dining room, kitchen, dinette, office, three bedrooms, large deck, double garage, etc. Partially

furnished. Available 7/04 – 8/05 (negotiable). Contact Walter Bischof, wfb@ualberta.ca or 492-3114.

SABBATICAL HOME, furnished, 1,400 sq ft, Parkallen. \$1,400/month including utilities. September 2004 – July 2005. No smokers. Phone 437-9439.

THREE BEDROOM HOUSE, available from June – December, near Southgate. Ten minutes to U of A. \$800/month plus utilities. 439-1264.

SABBATICAL HOME – delightful, very spacious home in Riverbend, close to ravine, furnished. Twenty minutes from the University of Alberta. Two storeys, three bedrooms up, two downstairs, developed basement, three baths. Available July 1st. Call Murray, 232-9576.

OLD STRATHCONA – Beautiful sunny two bedroom, two bath condo. Fireplace, large living room with lots of windows. End unit, master bedroom has spacious walk-in closet plus ensuite. Washer, dryer in condo. Quiet secure building, close to downtown and Farmers' Market. June 1st. 481-2827, 990-2827.

SABBATICAL HOME – furnished 2,500 sq ft, University area, five minutes walk to Campus and Hospital. Close to Old Strathcona and river valley walks. Two storey, with loft, three bedrooms, finished basement. Non-smoking only and no pets. Available September 1; 2004 – June 30, 2005 (flexible). \$1,800/month. Phone 431-1172.

SASKATCHEWAN DRIVE AND 106 STREET, 14th floor. River valley view. Furnished one bedroom. May to September. \$800.00 including utilities. Call 439-0675.

SABBATICAL HOUSE – 1,800 sq ft, two storey, four bedroom home in quiet family neighbourhood. Fifteen minute drive from campus, fully furnished. Available: August 1, 2004 – June 30, 2005 (negotiable). \$1,200/month. Phone (780) 436-3032 or brett.purdy@ualberta.ca

SUMMER ACCOMMODATIONS in heart of U of A Campus. For information, phone: 492-7681, extension 221, e-mail: katiea@ualberta.ca

ACCOMMODATIONS FOR SALE

VICTORIA PROPERTIES – Knowledgeable, trustworthy Realtor, whether you're relocating, investing or renting. Will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. Lois Dutton, Duttons & Co. Ltd., Victoria, B.C., 1-800-574-7491 or lois@duttons.com

ONE BLOCK TO U OF A hospital and campus! Brand new two bedroom and two bedroom + den penthouse suites, and one 2-bedroom suite in concrete University Plaza building features gas fireplace, two bathrooms, balcony, heated underground parking, in-suite laundry. Starting at \$229,900. Wayne Moen, Re/Max river city, 439-7000.

ACROSS THE U OF A on 116 Street. Four level split house. Five bedrooms, two kitchens, two car garage. Large lot. \$430,000. 425-4731.

EXCELSIOR PENTHOUSE – live in style in the heart of downtown. Wood-burning fireplace, hardwood floors, open plan. Huge loft, master bedroom with ensuite. \$327,500. Call Janet Fraser, Gordon W.R. King and Associates Real Estate, 441-6441.

ACCOMMODATIONS WANTED

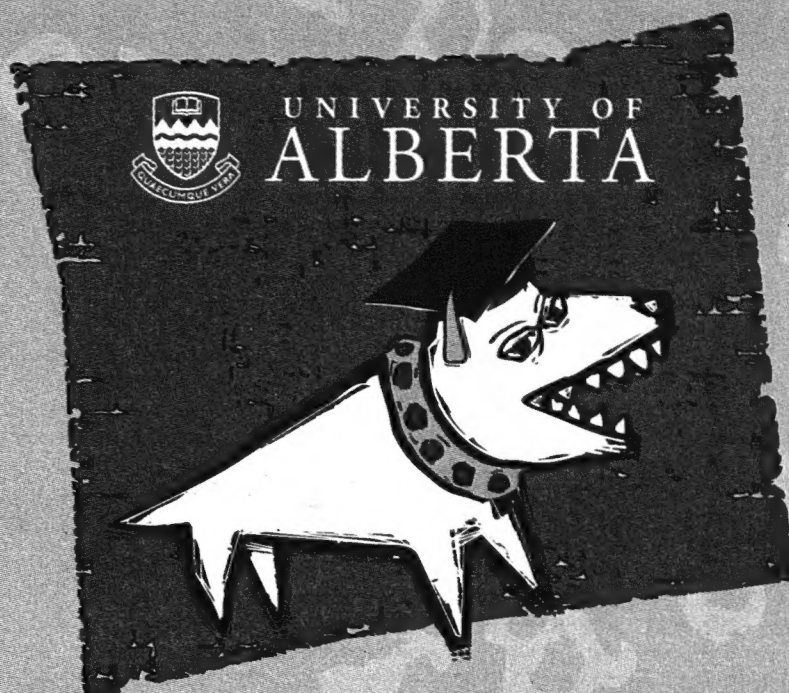
EXPERIENCED HOUSESITTERS available south side. Start May. Call Darcy, 233-2551.

GOODS FOR SALE

CASH PAID for quality books. Edmonton Book Store, 433-1781, www.edmontonbookstore.com
DOCTORAL GOWN AND HOOD, Faculty of Education. Mint condition. Sell for \$300.00. Telephone: 465-2685.

SERVICES

ALEXANDER EDITING – Manuscripts, theses, proposals, correspondence. Eleven years academic editing experience. 433-0741. Email: nathanlaroi@shaw.ca



corporate challenge 2004

Tues May 25 - Sat June 12

University Faculty and Staff
Join the 2004 Corporate Challenge team!
www.ualberta.ca/challenge or phone 492-2781.
Register Now!

- | | |
|--------------------|-------------------|
| • 5 Mile Challenge | Pentathlon |
| • Badminton | • Power Pull |
| • Basketball | • Race Walk |
| • Bowling | • Scavenger Hunt |
| • Darts | • Slo-pitch |
| • Eight ball | • Swimming |
| • Golf | • Table Tennis |
| • Horseshoes | • Triathlon |
| • Lawn Bowling | • Track and Field |
| • Mountain Bike | • Amazing Race |
| • Orienteering | • Volleyball |
| • Playdium | |

For complete University of Alberta job listings visit:
www.hrs.ualberta.ca/

folio
display ads
work

Display advertisements:

Camera-ready artwork is required to size, complete with halftones if necessary.
Call 417-3464 for sizes, rates and other particulars.



UNIVERSITY OF
ALBERTA

FACULTY OF PHYSICAL
EDUCATION & RECREATION
OFFICE OF EXTERNAL RELATIONS
VEHICLE POOL



CREATIVE SERVICES
University of Alberta

UNIVERSITY OF ALBERTA
BOOKSTORES



CAMPUS RECREATION

folio



NASA

REVEALING PICTURES/ REFLEXIVE FRAMES

NEW WEB GALLERY OFFERS SPACE FOR PHOTO ESSAYISTS IN SEARCH OF AN AUDIENCE

By Geoff McMaster

In this collection, many of the images reveal as much about the act of photography as about the subjects represented.

Take, for example, Dr. Derek Sayer's *Self-Portrait*, in which the photographer's reflection is deliberately captured in the frame. Or Rob Vale's shot of his own eyeball, reflecting what he sees around him.

They are just two of dozens of pictures posted on *Revealing Pictures and Reflexive Frames*, a website devoted to photographers – pros and amateurs alike – who have a more than superficial interest in the nature of visual representation. It allows them to not only post their work, but also to discuss its cultural and theoretical implications. Such a critical forum, says curator and doctoral student in sociology Craig Campbell, isn't easy to find.

"What I realized was there are only a handful of professional visual anthropologists or people in academia who deal with photography and visual things. There are lots and lots of people who are taking pictures but didn't really have an opportunity to be reflexive about it and think about it in a critical manner."

Campbell launched the site in 2000 when he was working on his master's in anthropology. He developed an interest in photography while doing ethnographic

research, taking pictures of different cultures and studying the history of the photograph.

Recently overhauled to make it more appealing and easier to use, the site has now grown to include the work of more than 30 photographers from around the world, all interested in exploring the photographic essay.

Barbara Hind, for instance, talks about the way her photograph of Mongolian friends on a motorcycle, entitled *Blessing the Travellers*, was used in a variety of publications, from textbooks to a magazine article on the ethics of mass entertainment.

"In each instance," writes Hind, "critical attention has appropriated and 're-framed,' in relation to particular sets of concerns, an image originally produced for personal consumption."

Anyone can submit work to on *Revealing Pictures and Reflexive Frames*, says Campbell, by following instructions found on the website, although he is hoping to eventually develop a peer-reviewed photo essay section.

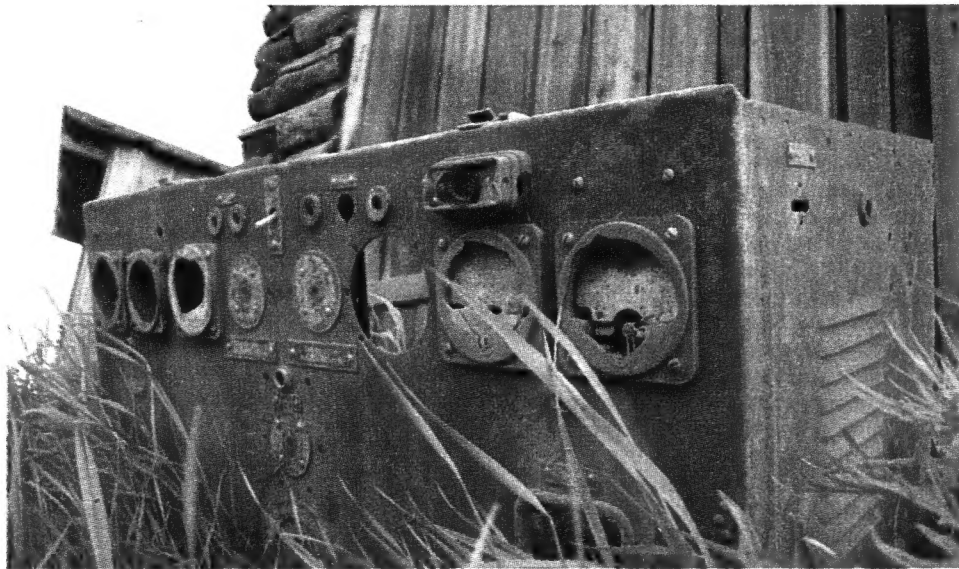
Consider it an open invitation, "for debate and dialogue around the image." Log on at http://maci.arts.ualberta.ca/reflexive-frames/main_page.php#. ■



Eyemove 3, one of a series of stills taken while the photographer walked through Leeds City Centre.



Derek Sayer's *Self-Portrait*, taken in Siena, Italy. Says Sayer: "What intrigues me is the multiple gaze – her two sets of eyes, my eyes, my camera – all of us looking in and out of the window – and the picture."



Craig Campbell took this picture of a rusty machine on the grounds of an airport in central Siberia, "a visual metaphor for the state of Aeroflot."



Barbara Hind's *Blessing the Travellers*, taken in Mongolia. The woman on the far left sprinkles milk around the motorcycle and on the travellers for good luck.

folio **back**
page